STR-DA2400ES/DG920

SERVICE MANUAL

Ver. 1.0 2008.05

US Model
STR-DA2400ES/DG920
Canadian Model
STR-DG920
AEP Model
UK Model
STR-DA2400ES

Photo: STR-DA2400ES

Photo: STR-DG920

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (DA2400ES: US)
POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section (DA2400ES: US)
Power Output
Rated Power Output at Stereo Mode[1)]
(8 ohms 20 Hz – 20 kHz, THD 0.09%):
100 W + 100 W
Reference Power Output at Stereo Mode
(4 ohms 20 Hz – 20 kHz, THD 0.15%):
85 W + 85 W
Reference Power Output (8 ohms 1 kHz, THD 0.7%)

FRONT[2)]:	110 W + 110 W
CENTER[2)]:	110 W
SURROUND[2)]:	110 W + 110 W
SUR BACK[2)]:	110 W + 110 W

Reference Power Output (4 ohms 1 kHz, THD 0.7%)

FRONT[2)]:	100 W + 100 W
CENTER[2)]:	100 W
SURROUND[2)]:	100 W + 100 W
SUR BACK[2)]:	100 W + 100 W

1) Measured under the following conditions: 120 V AC, 60 Hz
2) Depending on the sound field settings and the source, there may be no sound output.

Amplifier section (DA2400ES: AEP, ECE, UK)
Power Output
Models of area code CEL, CEK, ECE
Rated Power Output at Stereo Mode[1)]
(8 ohms 20 Hz – 20 kHz, THD 0.09%):
100 W + 100 W
Reference Power Output at Stereo Mode
(4 ohms 20 Hz – 20 kHz, THD 0.15%):
85 W + 85 W
Reference Power Output (8 ohms 1 kHz, THD 0.7%)

FRONT[2)]:	110 W + 110 W
CENTER[2)]:	110 W
SURROUND[2)]:	110 W + 110 W
SUR BACK[2)]:	110 W + 110 W

Reference Power Output (4 ohms 1 kHz, THD 0.7%)

FRONT[2)]:	100 W + 100 W
CENTER[2)]:	100 W
SURROUND[2)]:	100 W + 100 W
SUR BACK[2)]:	100 W + 100 W

1) Measured under the following conditions:

Area code	Power requirements
CEL, CEK, ECE	230 V AC, 50 Hz

2) Depending on the sound field settings and the source, there may be no sound output.

Frequency response	
PHONO	RIAA equalization curve ± 0.5 dB
Analog	10 Hz – 100 kHz, ± 3 dB (with sound field and equalizer bypassed)
Input	
PHONO	Sensitivity: 2.5 mV Impedance: 50 kohms S/N[3)]: 90 dB (A, 20 kHz LPF)[4)]
Analog	Sensitivity: 150 mV/50 kohms S/N[3)]: 100 dB (A, 20 kHz LPF)[4)]
Digital (Coaxial)	Impedance: 75 ohms S/N[3)]: 96 dB (A, 20 kHz LPF)[4)]
Digital (Optical)	S/N[3)]: 96 dB (A, 20 kHz LPF)[4)]
Output (analog)	
AUDIO OUT	Voltage: 150 mV/1 kohm
SUBWOOFER	Voltage: 2 V/1 kohm
Equalizer	
Gain levels	±10 dB, 1 dB step

3) INPUT SHORT (with sound field and equalizer bypassed).
4) Weighted network, input level.

AUDIO POWER SPECIFICATIONS (DG920: US)
POWER OUTPUT AND TOTAL HARMONIC DISTORTION: (Models of area code U only)
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output.

– Continued on next page –

MULTI CHANNEL AV RECEIVER

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Amplifier section (DG920)

Models of area code U, CA[1)]
Minimum RMS Output Power
(8 ohms, 20 Hz – 20 kHz, THD 0.09%)
100 W + 100 W
Stereo Mode Output Power
(8 ohms, 1 kHz, THD 0.7%)
110 W + 110 W
Surround Mode Output Power[2)]
(8 ohms, 1 kHz, THD 10%)
150 W per channel

[1)] Measured under the following conditions:

Area code	Power requirements
U, CA	120 V AC, 60 Hz

[2)] Reference power output for front, center, surround and surround back speakers. Depending on the sound field settings and the source, there may be no sound output.

Frequency response
Analog: 10 Hz – 100 kHz, ±3 dB (with sound field and equalizer bypassed)
Input
Analog: Sensitivity: 150 mV/50 kohms
S/N[3)]: 96 dB (A, 20 kHz LPF)
Digital (Coaxial): Impedance: 75 ohms
S/N: 100 dB (A, 20 kHz LPF)
Digital (Optical): S/N: 100 dB (A, 20 kHz LPF)
Output (Analog)
AUDIO OUT: Voltage: 150 mV/1 kohms
SUBWOOFER: Voltage: 2 V/1 kohm
Equalizer
Gain levels: ±10 dB, 1 dB step

[3)] INPUT SHOR

FM tuner section

Tuning range: 87.5 – 108.0 MHz
Antenna (aerial): FM wire antenna (aerial)
Antenna (aerial) terminals: 75 ohms, unbalanced
Intermediate frequency: 10.7 MHz

AM tuner section (DA2400ES: US)

Tuning range
With 10-kHz tuning scale: 530 – 1,710 kHz[5)]
With 9-kHz tuning scale: 531 – 1,710 kHz[5)]
Antenna (aerial): Loop antenna (aerial)
Intermediate frequency: 450 kHz

[5)] You can change the AM tuning scale to either 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down TUNING MODE, press POWER on the receiver.
All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

AM tuner section (DA2400ES: AEP, ECE, UK)

Tuning range

Area code	Tuning scale	
	10 kHz step	9 kHz step
CEL, CEK, ECE	–	531 kHz – 1,602 kHz

Antenna (aerial): Loop antenna (aerial)
Intermediate frequency: 450 kHz

AM tuner section (DG920)

Tuning range
Models of area code U, CA
With 10-kHz tuning scale: 530 – 1,710 kHz[4)]
With 9-kHz tuning scale: 531 – 1,710 kHz[4)]
Antenna (aerial): Loop antenna (aerial)
Intermediate frequency: 450 kHz

[4)] You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down TUNING MODE, press POWER. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs/Outputs
Video: 1 Vp-p, 75 ohms
COMPONENT VIDEO:
Y: 1 Vp-p, 75 ohms
PB/CB: 0.7 Vp-p, 75 ohms
PR/CR: 0.7 Vp-p, 75 ohms
80 MHz HD Pass Through

HDMI Video (DA2400ES)

Input/Output (HDMI Repeater block)
640 × 480p@60 Hz
720 × 480p@59.94/60 Hz
1440 × 480p@59.94/60 Hz (pixel sent 2 times)
1280 × 720p@59.94/60 Hz
1920 × 1080i@59.94/60 Hz
1920 × 1080p@59.94/60 Hz
720 × 576p@50 Hz
1440 × 576p@50 Hz (pixel sent 2 times)
1280 × 720p@50 Hz
1920 × 1080i@50 Hz
1920 × 1080p@50 Hz
1920 × 1080p@24 Hz

General (DA2400ES: US)

Power requirements: 120 V AC, 60 Hz
Power output (DIGITAL MEDIA PORT)
DC OUT: 5 V, 0.7 A MAX
Power consumption: 350 W
Power consumption (during standby mode): 0.7 W (when "HDMI Control" and "RS-232C Control" are set to "OFF")
Dimensions: 17 × 6 1/4 × 15 3/8 inches (430 × 157.5 × 388 mm) (width/height/depth) including projecting parts and controls
Mass (Approx.): 26 lb 15 oz (12.2 kg)

General (DA2400ES: AEP, ECE, UK)

Power requirements

Area code	Power requirements
CEL, CEK, ECE	230 V AC, 50/60 Hz

Power output (DIGITAL MEDIA PORT)
DC OUT: 5 V, 0.7 A MAX
Power consumption

Area code	Power consumption
CEL, CEK, ECE	360 W

Power consumption (during standby mode): 0.7 W (when "Control for HDMI" is set to "OFF")
Dimensions: 430 × 157.5 × 388 mm (width/height/depth) including projecting parts and controls
Mass (Approx.): 12.5 kg

General (DG920)

Power requirements

Area code	Power requirements
U, CA	120 V AC, 60 Hz

Power output (DIGITAL MEDIA PORT)
DC OUT: 5V, 0.7 A MAX

Power consumption

Area code	Power consumption
U	350 W
CA	480 VA

Power consumption (during standby mode): 0.7 W (When "Control For HDMI" is set to "OFF")
Dimensions (width/height/depth) (Approx.): 17 × 6 1/4 × 15 inches (430 × 157.5 × 378 mm) including projecting parts and controls
Mass (Approx.): 26 lb 1 oz (11.8 kg)

Supplied accessories

Operating Instructions
Quick Setup Guide (1)
GUI Menu List (1)
Optimizer microphone (ECM-AC2) (1)
FM wire antenna (aerial) (1)
AM loop antenna (aerial) (1)
AC power cord (mains lead) (1) (DA2400ES)
Remote commander (RM-AAP023) (1) (DG920)
Remote commander (RM-AAP024) (1) (DA2400ES: AEP, ECE, UK)
Remote commander (RM-AAP025) (1) (DA2400ES: US)
Remote commander (RM-AAU039) (1) (DA2400ES)
R6 (size-AA) batteries (4 (DA2400ES) or 2 (DG920))

Design and specifications are subject to change without notice.

- Abbreviation
  ECE : Continental European, East European and Russian models

NOTES ON CHIP COMPONENT REPLACEMENT

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

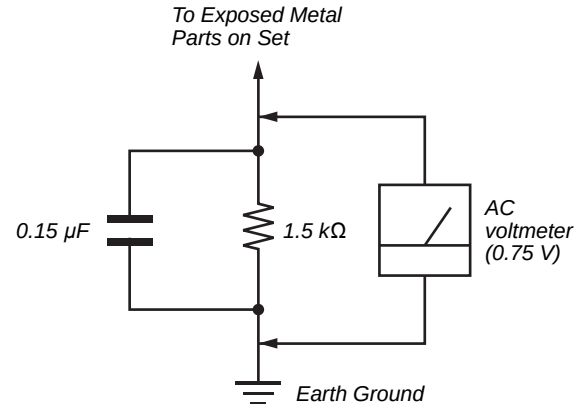


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONET WARNING!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

TABLE OF CONTENTS

1. SERVICING NOTES 5

2. GENERAL 7

3. DISASSEMBLY

3-1. Disassembly Flow 13
3-2. Case 14
3-3. Front Panel Block (DA2400ES) 14
3-4. Front Panel Block (DG920) 15
3-5. Tuner (FM/AM), CIS Board and PREOUT Board 15
3-6. DIGITAL VIDEO Board 16
3-7. VIDEO Board 16
3-8. Back Panel Block (DA2400ES) 17
3-9. Back Panel Block (DG920) 17
3-10. MICON Board, DIGITAL Board 18
3-11. ACLASS Board 18
3-12. Main Block 19
3-13. MAIN Board 19

4. TEST MODE 20

5. ELECTRICAL ADJUSTMENT 24

6. DIAGRAMS

6-1. Block Diagram - DIGITAL AUDIO/TUNER Section - 27
6-2. Block Diagram - DSP/XM Section - 28
6-3. Block Diagram - ANALOG AUDIO Section - 29
6-4. Block Diagram - AMP Section - 30
6-5. Block Diagram - HDMI Section - 31
6-6. Block Diagram - VIDEO (1/2) Section - 32
6-7. Block Diagram - VIDEO (2/2)/PANEL Section - 33
6-8. Block Diagram - POWER SUPPLY Section - 34
6-9. Printed Wiring Board - DIGITAL Board (Component Side) - 36
6-10. Printed Wiring Board - DIGITAL Board (Conductor Side) - 37
6-11. Schematic Diagram - DIGITAL Board (1/2) - 38
6-12. Schematic Diagram - DIGITAL Board (2/2) - 39
6-13. Printed Wiring Board - DIGITAL VIDEO Board (Component Side) - 40
6-14. Printed Wiring Board - DIGITAL VIDEO Board (Conductor Side) - 41
6-15. Schematic Diagram - DIGITAL VIDEO Board (1/4) - 42
6-16. Schematic Diagram - DIGITAL VIDEO Board (2/4) - 43
6-17. Schematic Diagram - DIGITAL VIDEO Board (3/4) - 44
6-18. Schematic Diagram - DIGITAL VIDEO Board (4/4) - 45
6-19. Printed Wiring Board - MAIN Board - 46
6-20. Schematic Diagram - MAIN Board (1/3) - 47
6-21. Schematic Diagram - MAIN Board (2/3) - 48
6-22. Schematic Diagram - MAIN Board (3/3) - 49
6-23. Printed Wiring Board - ACLASS Board - 50
6-24. Schematic Diagram - ACLASS Board - 51
6-25. Printed Wiring Board - VIDEO Board - 52
6-26. Schematic Diagram - VIDEO Board - 53
6-27. Printed Wiring Board - DSP Board - 54
6-28. Schematic Diagram - DSP Board - 55
6-29. Printed Wiring Board - MICON Board (Component Side) - 56
6-30. Printed Wiring Board - MICON Board (Conductor Side) - 57
6-31. Schematic Diagram - MICON Board (1/3) - 58
6-32. Schematic Diagram - MICON Board (2/3) - 59
6-33. Schematic Diagram - MICON Board (3/3) - 60
6-34. Printed Wiring Board - LIMITER Board - 61
6-35. Schematic Diagram - LIMITER Board - 61
6-36. Printed Wiring Boards - CONNECTOR Section - 62
6-37. Schematic Diagram - CONNECTOR Section - 63
6-38. Printed Wiring Board - DISPLAY Board - 64
6-39. Schematic Diagram - DISPLAY Board - 65
6-40. Printed Wiring Boards - PANEL Section - 66
6-41. Schematic Diagram - PANEL Section - 67
6-42. Printed Wiring Board - SURR SPEAKER Board - 68
6-43. Schematic Diagram - SURR SPEAKER Board - 69
6-44. Printed Wiring Board - CIS Board (DA2400ES: US model) - 70
6-45. Schematic Diagram - CIS Board (DA2400ES: US model) - 71
6-46. Printed Wiring Board - PREOUT Board (DA2400ES: AEP, ECE, UK models) - 72
6-47. Schematic Diagram - PREOUT Board (DA2400ES: AEP, ECE, UK models) - 72
6-48. Printed Wiring Board - DCDC CON Board - 73
6-49. Schematic Diagram - DCDC CON Board - 73
6-50. Printed Wiring Boards - POWER Section - 74
6-51. Schematic Diagram - POWER Section - 75

7. EXPLODED VIEWS

7-1. Case Section 105
7-2. Front Panel Section (DA2400ES) 106
7-3. Front Panel Section (DG920) 107
7-4. DIGITAL VIDEO Board Section 108
7-5. Back Panel Section 109
7-6. Chassis Section 110

8. ELECTRICAL PARTS LIST 111

Accessories are given in the last of the electrical parts list.

- Abbreviation
  ECE : Continental European, East European and Russian models

SECTION 1
SERVICING NOTES

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(**Caution:** Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 °C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

MODEL IDENTIFICATION

– Back Panel –

Model	Part No.
DG920: US model	3-286-648-0
DG920: Canadian model	3-286-648-1
DA2400ES: US model	3-286-662-0
DA2400ES: AEP and UK models	3-286-662-1
DA2400ES: Continental European, East European and Russian models	3-286-662-7

NOTE OF REPLACING THE IC3506 AND IC3508 ON THE DIGITAL VIDEO BOARD

IC3506 and IC3508 on the DIGITAL VIDEO board cannot exchange with single. When IC3506 and IC3508 on the DIGITAL VIDEO board are damaged, exchange the entire mounted board.

NOTE OF REPLACING THE IC5021 ON THE DSP BOARD

IC5021 on the DSP board cannot exchange with single. When IC5021 on the DSP board is damaged, exchange the entire mounted board.

NOTE OF REPLACING THE IC8018 ON THE MICON BOARD

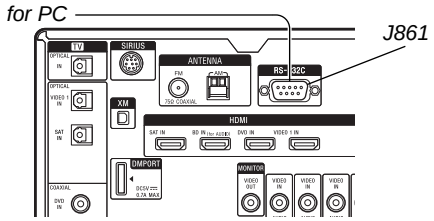
IC8018 on the MICON board cannot exchange with single. When IC8018 on the MICON board is damaged, exchange the entire mounted board.

UPDATE OF SOFTWARE OF IC8014 ON THE MICON BOARD

Perform operation of the following when the update of software of the IC8014 on the MICON board is necessary.

• DA2400ES: US model

Connect:

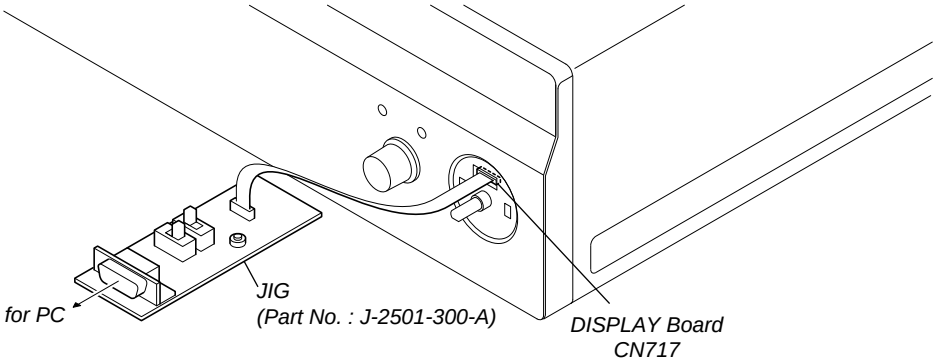


Procedure:

1. Connect J861 on the CIS board and PC by using the RS-232C cable.
2. Turn on the main power.
3. The update is executed by using PC.
4. When the update ends, turn off the main power.
5. Remove the RS-232C cable from the J861 on the CIS board and PC.

• DA2400ES: AEP, Continental European, East European, Russian and UK models/DG920

Connect:



Procedure:

1. Remove the KNOB (VOL) ASSY and connect CN717 on the DISPLAY board and PC by using the jig.
2. Turn on the main power.
3. The update is executed by using PC.
4. When the update ends, turn off the main power.
5. Remove the jig from the CN717 on the DISPLAY board and PC.

ERROR MESSAGES

If there is a malfunction, the display shows a code of two numbers and a message. You can check the condition of the system by the message. Refer to the following table to solve the problem.

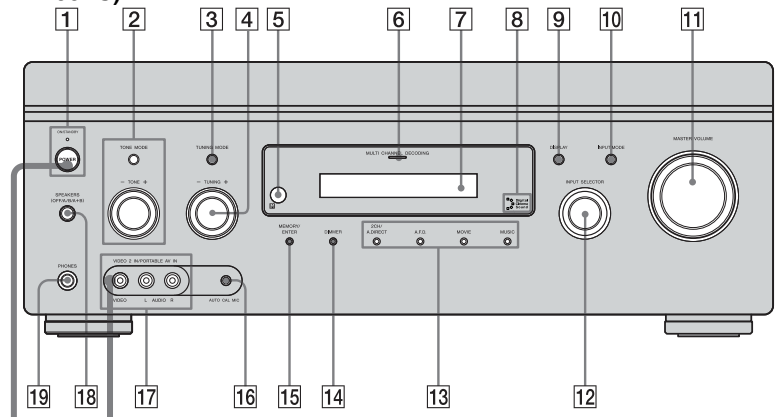
messages	cause and response
PROTECTOR	Irregular current is output to the speakers, or the upper panel of the receiver is covered with something. The receiver will automatically turn off after a few seconds. Cheack the speakers connection and turn on the power again.

SECTION 2
GENERAL

This section is extracted from instruction manual.

Front panel

(DA2400ES)



To remove the cover
Press PUSH.
When you remove the cover, keep it out of reach from children.

Status of the POWER button

■ (Off)
The receiver is turned off (initial setting).
The ON/STANDBY lamp lights off.
Press POWER to turn the receiver on. You cannot turn the receiver on using the remote.

■ (On/Standby)
Press I/⏻ on the remote to turn the receiver on or set it to the standby mode.
When you press POWER on the receiver, the receiver will be turned off.

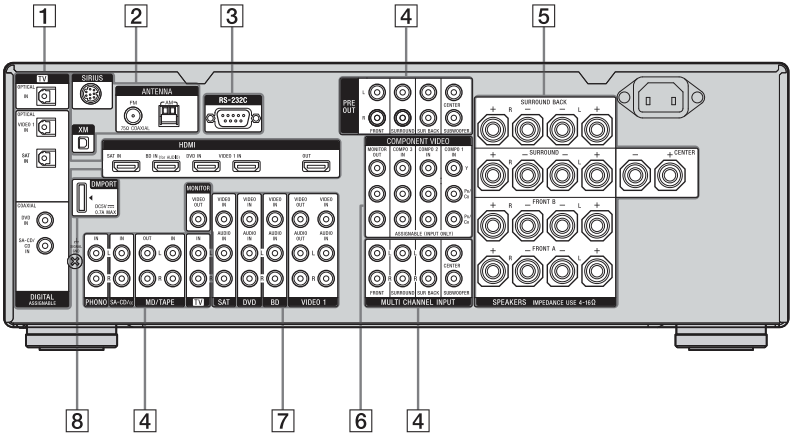
Name	Function
1 **POWER**	Press to turn the receiver on or off.
ON/STANDBY lamp	Lights up in green when the receiver is turned on. Lights up in red when the receiver is set to standby mode.
2 **TONE MODE**	Adjusts the tonal quality (bass/treble level) of the front, center and surround speakers. Press TONE MODE repeatedly to select bass or treble level, then turn TONE +/– to adjust the level.
TONE +/–	
3 **TUNING MODE**	Press to select the tuning mode.
4 **TUNING +/–**	Turn to scan a station.
5 **Remote sensor**	Receives signals from remote commander.
6 **MULTI CHANNEL DECODING lamp**	Lights up when multi channel audio signals are decoded.

Name	Function
7 **Display window**	The current status of the selected component or a list of selectable items appears here.
8 **Digital Cinema Sound lamp**	Lights up when a sound field with **D C S** is selected.
9 **DISPLAY**	Press repeatedly to select information displayed on the display.
10 **INPUT MODE**	Press to select the input mode when the same components are connected to both digital and analog jacks.
11 **MASTER VOLUME**	Turn to adjust the volume level of all speakers at the same time.
12 **INPUT SELECTOR**	Turn to select the input source to play back.

Name	Function
13 **2CH/A.DIRECT**	Press to select sound field.
A.F.D.	
MOVIE	
MUSIC	
14 **DIMMER**	Press repeatedly to adjust brightness of the display.
15 **MEMORY/ ENTER**	Press to store a station or enter the selection when selecting the settings.
16 **AUTO CAL MIC jack**	Connects to the supplied optimizer microphone for the Digital Cinema Auto Calibration function.
17 **VIDEO 2 IN/ PORTABLE AV IN jacks**	Connect to a portable audio/video component such as a camcorder or video game.
18 **SPEAKERS (OFF/A/B/A+B)**	Press to select the speaker system.
19 **PHONES jack**	Connects to headphones.

Rear panel

(DA2400ES)



1 DIGITAL INPUT/OUTPUT section

	OPTICAL IN/ OUT jacks	Connect to a DVD player, etc. The COAXIAL jack provides a better sound quality.
	COAXIAL IN jacks	
	HDMI IN/ OUT* jacks	Connect to a DVD player, Blu-ray Disc Player, or a satellite tuner. The image is output to a TV or a projector while the sound can be output from a TV or/and speakers connected to this receiver.

2 ANTENNA section

	FM ANTENNA jack	Connects to the FM wire antenna (aerial) supplied with this receiver.
	AM ANTENNA jack	Connects to the AM loop antenna (aerial) supplied with this receiver.
	XM jack (DA2400ES: US)	Connects to the XM Mini Tuner and Home Dock (not supplied).
	SIRIUS jack (DA2400ES: US)	Connects to a SiriusConnect Home tuner (not supplied).

3 RS-232C port (DA2400ES: US)

Used for maintenance and service.	

4 AUDIO INPUT/OUTPUT section

L R	AUDIO IN/ OUT jacks	Connect to a Super Audio CD player, etc..
	MULTI CHANNEL INPUT jacks	Connect to a Super Audio CD player, etc. with an analog audio jack for 7.1 channel or 5.1 channel sound.
	PRE OUT jacks	Connect to an external power amplifier.

5 SPEAKERS section

– +	Connects to speakers.

6 COMPONENT VIDEO INPUT/ OUTPUT section

	Y, P_B/C_B, P_R/C_R IN/OUT* jacks	Connect to a DVD player, TV, or a satellite tuner etc..

7 VIDEO/AUDIO INPUT/OUTPUT section

L R	AUDIO IN/ OUT jacks	Connect to a VCR or a DVD player etc..
	VIDEO IN/ OUT* jacks	

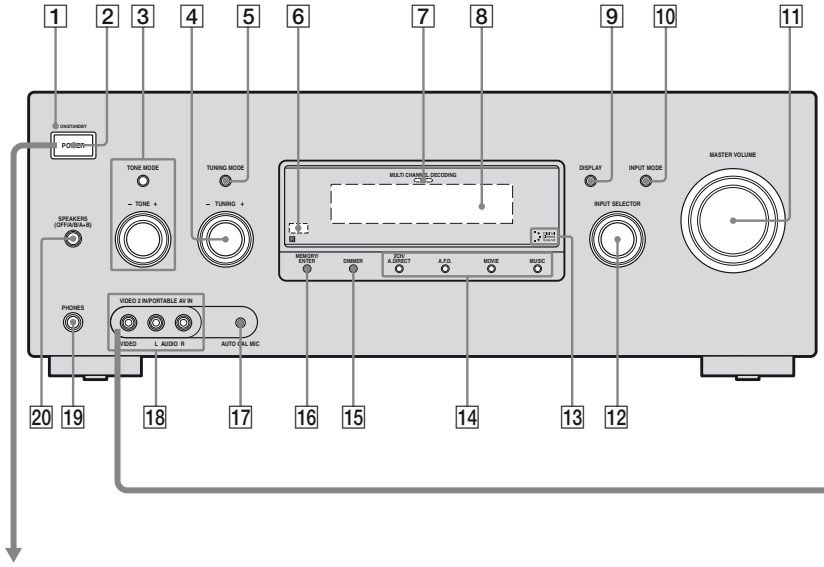
8 DMPORT

	Connects to a DIGITAL MEDIA PORT adapter.

* You can watch the selected input image when you connect the MONITOR OUT or HDMI OUT jack to a TV. You can operate this receiver using a GUI (Graphical User Interface).

Front panel

(DG920)



Status of the POWER button

■ (Off)

The receiver is turned off (initial setting). Press POWER to turn the receiver on. You cannot turn the receiver on using the remote.

■ (On/Standby)

Press I/⏻ on the remote to turn the receiver on or set it to the standby mode.
When you press POWER on the receiver, the receiver will be turned off.

To remove the cover

Press PUSH.
When you remove the cover, keep it out of reach from children.

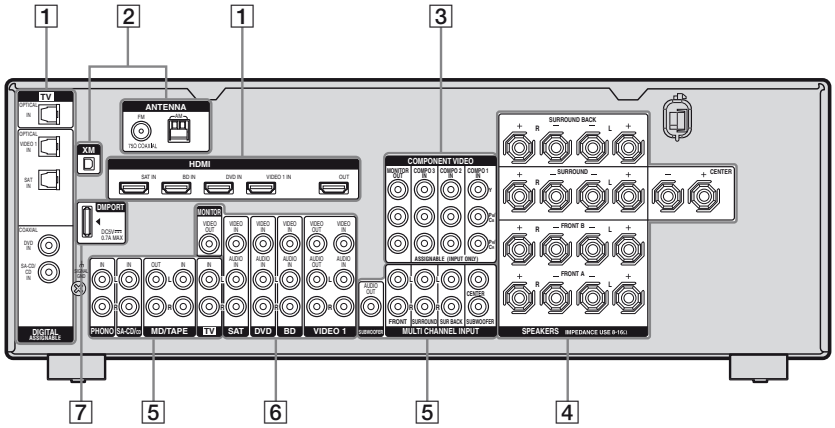
Name	Function
1 **ON/STANDBY lamp**	Lights up in green when the receiver is turned on. Lights up in red when the receiver is set to standby mode.
2 **POWER**	Press to turn the receiver on or off.
3 **TONE MODE** / **TONE +/–**	Adjusts the tonal quality (bass/treble level) of the front, center and surround speakers. Press TONE MODE repeatedly to select bass or treble level, then turn TONE +/– to adjust the level.
4 **TUNING +/–**	Turn to scan a station.
5 **TUNING MODE**	Press to select the tuning mode.
6 **Remote sensor**	Receives signals from remote commander.
7 **MULTI CHANNEL DECODING lamp**	Lights up when multi channel audio signals are decoded.

Name	Function
8 **Display**	The current status of the selected component or a list of selectable items appears here.
9 **DISPLAY**	Press to select information displayed on the display.
10 **INPUT MODE**	Press to select the input mode when the same components are connected to both digital and analog jacks.
11 **MASTER VOLUME**	Turn to adjust the volume level of all speakers at the same time.
12 **INPUT SELECTOR**	Turn to select the input source to playback.
13 **Digital Cinema Sound lamp**	Lights up when a sound field with DCS is selected.
14 **2CH/A.DIRECT**	Press to select a sound field.
A.F.D.	
MOVIE	
MUSIC	

Name	Function
15 **DIMMER**	Press to adjust the brightness of the display.
16 **MEMORY/ ENTER**	Press to store a station or enter the selection when selecting the settings.
17 **AUTO CAL MIC jack**	Connects to the supplied optimizer microphone for the Auto Calibration function.
18 **VIDEO 2 IN/ PORTABLE AV IN jacks**	Connects to a portable audio/video component such as a camcorder or video game.
19 **PHONES jack**	Connects to headphones.
20 **SPEAKERS (OFF/A/B/A+B)**	Press to select the speaker system.

Rear panel

(DG920)



1 DIGITAL INPUT/OUTPUT section

	OPTICAL IN jacks	Connects to a DVD player, etc. The COAXIAL jack provides a better quality sound.
	COAXIAL IN jacks	
	HDMI IN/ OUT* jacks	Connects to a DVD player, satellite tuner, or a Blu-ray disc player. The image is output to a TV or a projector while the sound can be output from a TV or/and speakers connected to this receiver.

2 ANTENNA section

	FM ANTENNA jack	Connects to the FM wire antenna (aerial) supplied with this receiver.
	AM ANTENNA terminals	Connects to the AM loop antenna (aerial) supplied with this receiver.
	XM jack	Connects to the XM Mini-Tuner and Home Dock (not supplied).

3 COMPONENT VIDEO INPUT/ OUTPUT section

Green (Y) Blue (P_B/C_B) Red (P_R/C_R)	Y, P_B/C_B, P_R/C_R IN/ OUT* jacks	Connects to a DVD player, TV, satellite tuner, etc..

4 SPEAKERS section

		Connects to speakers.

5 AUDIO INPUT/OUTPUT section

White (L) Red (R)	AUDIO IN/ OUT jacks	Connects to a Super Audio CD player, etc..
	MULTI CHANNEL INPUT jacks	Connect to a Super Audio CD player, etc. with an analog audio jack for 7.1 channel or 5.1 channel sound.
Black	AUDIO OUT jack	Connects to subwoofer.

6 VIDEO/AUDIO INPUT/OUTPUT section

White (L) Red (R)	AUDIO IN/ OUT jacks	Connects to a VCR, DVD player, etc..
Yellow	VIDEO IN/ OUT* jacks	

7 DMPORT

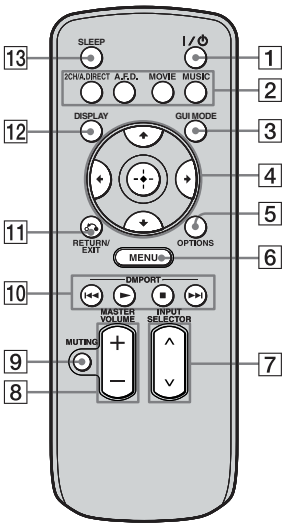
	DMPORT jack	Connects to a DIGITAL MEDIA PORT adapter.

* You can watch the selected input image when you connect the MONITOR OUT or HDMI OUT jack to a TV. You can operate this receiver using a GUI (Graphical User Interface).

Remote commander

RM-AAU039 (DA2400ES)

This remote can only be used to operate the receiver. You can control the main functions of the receiver with simple operations using this remote.

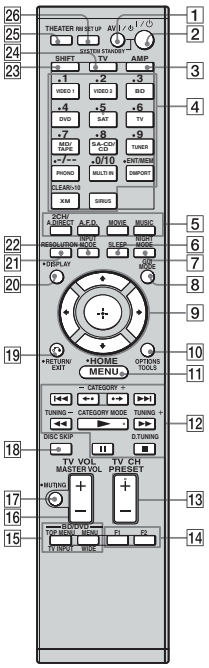


Name	Function
1 **I/⏻ (on/ standby)**	Press to turn a receiver on or off.
2 **2CH/ A.DIRECT** **A.F.D.** **MOVIE** **MUSIC**	Press to select sound field.
3 **GUI MODE**	Press to display the GUI menu on the TV screen.
4 ↑/↓/←/→	After pressing GUI MODE (3), press ↑/↓/←/→ to select the menu items. Then press ⊕ to enter the selection.
5 **OPTIONS**	Press to display and select items from option menus.
6 **MENU**	Press to display the menu to operate the receiver.
7 **DMPORT**	Press to operate component connected to the DIGITAL MEDIA PORT adapter.
►	Starts play.
■	Stops play.
I◄◄/►►I	Skips tracks.
8 **INPUT SELECTOR**	Press to select the input source to play back.
9 **MASTER VOLUME +/–**	Press to adjust the volume level.
10 **MUTING**	Press to turn off the sound temporarily. Press the button again to restore the sound.
11 **RETURN/ EXIT** ↩	Press to return to the previous menu or exit the menu.
12 **DISPLAY**	Press to select information displayed in the display window.
13 **SLEEP**	Press to activate the sleep timer function and the duration which the receiver turns off automatically.

- Abbreviation
  ECE : Continental European, East European and Russian models

You can use the supplied remote to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate.
You can also program the remote to control non-Sony audio/video components. For details, see “Programming the remote”.

RM-AAP023 (DG920)
RM-AAP024 (DA2400ES: AEP, ECE, UK)
RM-AAP025 (DA2400ES: US)



Name	Function
1 **AV I/⏻ (on/standby)**	Press to turn on or off the audio/video components that the remote is programmed to operate. To turn the TV on or off, press TV (24) and then press AV I/⏻. If you press I/⏻ (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). **Note** The function of the AV I/⏻ switch changes automatically each time you press the input buttons (4).
2 **I/⏻ (on/standby)**	Press to turn the receiver on or set it to standby mode. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY). **Saving the power in standby mode.** When “Control for HDMI” and “RS-232C Control” is set to “OFF”.
3 **AMP**	Press to enable the receiver operation.
4 **Input buttons**	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components. You can program the remote to control non-Sony components following the steps in “Programming the remote”.
VIDEO 1	VCR, etc., connected to the VIDEO 1 jack.
VIDEO 2	Video camera and TV game, etc., connected to the VIDEO 2 IN/PORTABLE AV IN jack.
BD	Blu-ray disc player, etc., connected to the BD jack.
DVD	DVD player, etc., connected to the DVD jack.

Name	Function
Selected input	**Components that can be played back**
SAT	Satellite tuner, etc., connected to the SAT jack.
TV	TV connected to the TV jack.
MD/TAPE	MD or Tape deck, etc., connected to the MD/TAPE jack.
SA-CD/CD	Super Audio CD or CD player, etc., connected to the SA-CD/CD jack.
TUNER	Built-in radio tuner.
PHONO	Turntable, etc., connected to the PHONO jack.
MULTI IN	Component connected to the MULTI CHANNEL INPUT jack.
DMPORT	Portable audio, etc., connected to the DIGITAL MEDIA PORT adapter connected to the receiver.
XM (DA2400ES: US/DG920)	XM Mini-Tuner and Home Dock connected to the XM jack.
SIRIUS (DA2400ES: US)	SiriusConnect Home tuner connected to the SIRIUS jack.
Numeric buttons (number 5[a])	Press SHIFT (23) and then press numeric buttons to – preset/tune to preset stations. – select track numbers of the CD player, VCD player, LD player, DVD player, MD deck, DAT deck, or tape deck. Press 0/10 to select track number 10. – select channel numbers of the VCR, satellite tuner, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO. Press TV (24), and then press the numeric buttons to select the TV channels.
ENT/MEM	Press SHIFT (23) and then press ENT/MEM to – enter the value after selecting a channel, disc or track using the numeric buttons of the VCR, CD player, VCD player, LD player, MD deck, DAT deck, tape deck, satellite tuner, Blu-ray disc player, or PSX. – store a station during tuner operation. To enter the value of Sony TV, press TV (24) and then press ENT/MEM.
CLEAR	Press SHIFT (23) and then press CLEAR to – clear a mistake when you press the incorrect numeric button of the DVD player, Blu-ray disc player, PSX, satellite tuner, DVD/VHS COMBO, or DVD/HDD COMBO. – return to continuous playback, etc. of the satellite tuner or DVD player.
-/--	Press SHIFT (23) and then press -/-- to select the channel entry mode, either one or two digit of the VCR or satellite tuner. To select the channel entry mode of the TV, press TV (24) and then press -/--.
>10	Press SHIFT (23) and then press >10 to – select track numbers over 10 of the CD player, VCD player, LD player, MD deck, tape deck, TV, VCR, or satellite tuner. – select channel numbers of the Digital CATV terminal.
5 **2CH/ A.DIRECT**	Press to select a sound field.
A.F.D.	
MOVIE	
MUSIC	
6 **SLEEP**	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
7 **NIGHT MODE**	Press to activate the Night Mode function.
8 **GUI MODE**	Press to display the GUI menu on the TV screen.

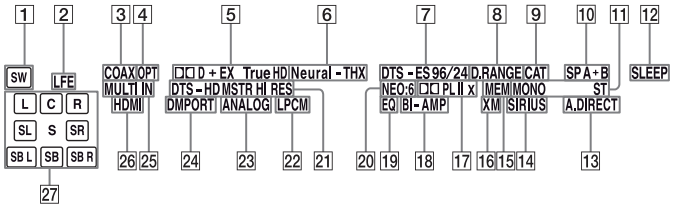
Name	Function
9 ⊕, ↑/↓/←/→	After pressing AMP (3), press HOME/MENU (11) for receiver operation, then press ↑/↓/←/→ to select the settings. After pressing BD/DVD TOP MENU (15) or BD/DVD MENU (15), press ↑/↓/←/→ to select the settings, and then press ⊕ to enter the selection. Press ⊕ also to enter the selection of the receiver, VCR, satellite tuner, DVD player, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
10 **OPTIONS TOOLS**	Press to display and select items from the option menus for receiver, DVD player, Blu-ray Disc Player, Satellite tuner and PSX. Press TV (24) and then press TOOLS to display the options of Sony TV.
11 **HOME/ MENU**	Press to display the menus of the receiver, VCR, DVD player, satellite tuner, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO on the TV screen. Then, use ↑/↓/←/→ and ⊕ to perform menu operations. To display the menus of Sony TV, press TV (24) and then press HOME/MENU.
12 I◄◄/►►I [b]	Press to skip tracks of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
◄◄/►► [b]	Press to – search tracks in the forward/backward direction of the CD player, VCD player, DVD player, LD player, MD deck, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO. – fast forward/rewind of the VCR, DAT deck, or tape deck.
► [a)b]	Press to start playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
❚❚ [b]	Press to pause playback or recording of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO. (Also starts recording with components in recording standby.)
■ [b]	Press to stop playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc player, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
TUNING +/–	Press to scan a station.
D.TUNING	Press to enter direct tuning mode.
←/→	Press to replay the previous scene or fast forward the current scene of the DVD player, Blu-ray disc player, DVD/VHS COMBO, or DVD/HDD COMBO.
CATEGORY +/–	Press to select a category for satellite tuner.
CATEGORY MODE	Press to select the category mode for satellite tuner.
13 **TV CH +[a]/–**	Press TV (24) and then press TV CH +/– to select preset TV channels.
PRESET + [a]/–	Press to – select preset stations. – select preset channels of the VCR, satellite tuner, Blu-ray disc player, DVD player, DVD/VHS COMBO, or DVD/HDD COMBO.
14 **F1, F2**	Press F1 or F2 to select a component. • DVD/HDD COMBO F1: HDD mode F2: DVD mode • DVD/VHS COMBO F1: DVD mode F2: VHS mode

Name	Function
15 **BD/DVD TOP MENU**	Press to display the menu or on-screen guide of the DVD or Blu-ray disc on the TV screen. Then, use ↑/↓/←/→ and ⊕ to perform menu operations.
BD/DVD MENU	Press to display the menu of the DVD or Blu-ray disc on the TV screen. Then, use ↑/↓/←/→ and ⊕ to perform menu operations.
TV INPUT	Press TV (24) and then press TV INPUT to select the input signal (TV input or video input).
WIDE	Press TV (24) and then press WIDE to select the wide picture mode.
16 **TV VOL +/–**	Press TV (24) and then press TV VOL +/– to adjust the TV volume level.
MASTER VOL +/–	Press to adjust the volume level of all speakers at the same time.
17 **MUTING**	Press to turn off the sound temporarily. Press MUTING again to restore the sound. Press TV (24), and then press MUTING to activate the TV’s muting function.
18 **DISC SKIP**	Press to skip disc of the CD player, VCD player, DVD player, or MD deck (multi-disc changer only).
19 **RETURN/ EXIT ↶**	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCD player, LD player, DVD player, Blu-ray disc player, PSX, DVD/VHS COMBO, or satellite tuner is displayed on the TV screen. To return to the previous menu of Sony TV, press TV (24) and then press RETURN/EXIT ↶.
20 **DISPLAY**	Press to select information displayed on the display window or TV screen of the VCR, VCD player, LD player, DVD player, CD player, MD deck, Blu-ray disc player, PSX, satellite tuner, DVD/ VHS COMBO, or DVD/HDD COMBO. To select information of Sony TV, press TV (24) and then press DISPLAY.
21 **RESOLUTION**	Press repeatedly to change the resolution of signals output from the HDMI OUT or COMPONENT VIDEO MONITOR OUT jack.
22 **INPUT MODE**	Press to select the input mode when the same components are connected to both digital and analog jacks.
23 **SHIFT**	Press to light up the buttons. It changes the remote button function to activate the buttons with pink printing.
24 **TV**	Press to light up the button. It changes the remote key function to activate the buttons with yellow printing. It also activate the DISPLAY (20), OPTIONS TOOLS (10), HOME/MENU (11), RETURN/EXIT ↶ (19), ⊕ (9), and ↑/↓/←/→ (9) buttons to perform menu operations for Sony TVs only.
25 **THEATER**	Press to enjoy optimal image suited for movies and to output the sound from the speakers connected to this receiver automatically. **Note** This button will only function if your TV is compatible with Theater Mode. For details, refer to the operating instructions supplied with the TV.
26 **RM SET UP**	Press to set up the remote.

[a] The number 5, TV CH +, PRESET + and ► buttons have tactile dots. Use the tactile dots as references when operating the receiver.
[b] See the table for information on the buttons that you can use to control each component.

Notes
- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component, the above operation may not be possible or may operate differently than described.

About the indicators on the display window


1 2 3 4 5 6 7 8 9 10 11 12
SW
LFE
L C R
SL S SR
SB L SB SB R
COAX OPT
MULTI IN
HDMI
D + EX True HD Neural - THX
DTS - HD MSTR HI RES
DMPORT ANALOG LPCM
DTS - ES 96/24 D.RANGE CAT SP A + B SLEEP
NEO:6 PL II x MEM MONO ST
EQ BI - AMP XM SIRIUS A.DIRECT
27 26 25 24 23 22 21 20 19 18 17 16 15 14 13

Name	Function
1 SW	Lights up when subwoofer is connected and the audio signal is output from the SUBWOOFER jack. While this indicator lights up, the receiver creates a subwoofer signal based on the LFE signal in the disc being played back or the low frequency components of the front channels.
2 LFE	Lights up when the disc being played back contains an LFE (Low Frequency Effects) channel and the LFE channel signal is actually being reproduced. Since the LFE signal is not recorded in all parts of the input signal the bar indication will fluctuate (and may turn off) during playback.
3 COAX	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the COAXIAL jack.
4 OPT	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the OPTICAL jack.
5 □□ D/ □□ D EX/ □□ D+/ □□ TrueHD	"□□ D" lights up when the receiver is decoding Dolby Digital signals. "□□ D EX" lights up when the receiver is decoding Dolby Digital Surround EX signals. "□□ D+" lights up when the receiver is decoding Dolby Digital Plus signals. "□□ TrueHD" lights up when the receiver is decoding Dolby TrueHD signals. **Note** When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is set to "AUTO".
6 Neural-THX	Lights up when the receiver applies Neural-THX processing to input signals.
7 DTS/ DTS-ES/ DTS 96/24	"DTS" lights up when the receiver is decoding DTS signals. "DTS-ES" lights up when the receiver is decoding DTS-ES signals. "DTS 96/24" lights up when the receiver is decoding DTS 96/24 (DTS 96 kHz/24 bit) signals. **Note** When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is set to "AUTO".

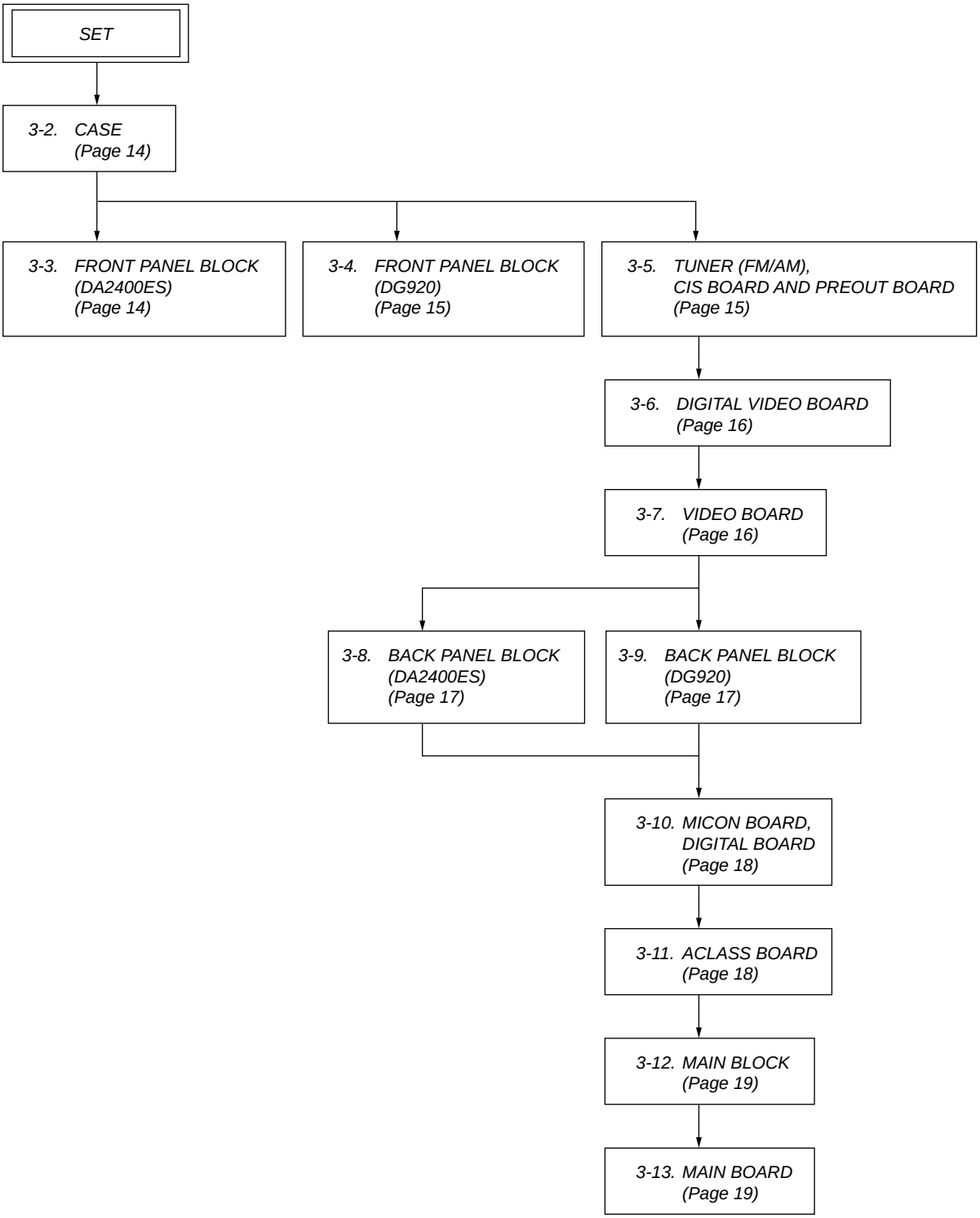
Name	Function
8 D.RANGE	Lights up when dynamic range compression is activated.
9 CAT (DA2400ES: US/ DG920)	Lights up when category mode is selected during the satellite radio operation.
10 SP A/SP B/ SP A+B	Lights up according to the speaker system used (page 44). However, these indicators do not light up if the speaker output is turned off or if headphones are connected.
11 Tuner indicators	Lights up when using the receiver to tune in radio stations, etc.
12 SLEEP	Lights up when the sleep timer is activated.
13 A.DIRECT	Lights up when the receiver is processing Analog Direct signals.
14 SIRIUS	Lights up when the SiriusConnect Home tuner is connected and "SIRIUS" is selected.
15 MEM	Lights up when a memory function, such as Preset Memory etc., is activated.
16 XM (DA2400ES: US/ DG920)	Lights up when XM Mini-Tuner and Home Dock are connected and "XM" is selected.
17 □□ PL/ □□ PL II/ □□ PL IIx	"□□ PL" lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "□□ PL II" lights up when the Pro Logic II decoder is activated. "□□ PL IIx" lights up when the Pro Logic IIx decoder is activated. However, these indicators do not light up if both the center and surround speakers are not connected and you select a sound field using the A.F.D. button. **Note** Dolby Pro Logic IIx decoding does not function for signals with a sampling frequency of more than 48 kHz.
18 BI-AMP (DA2400ES)	Lights up when BI-AMP Speaker setting is set to "ON".
19 EQ	Lights up when the equalizer is activated.
20 NEO:6	Lights up when DTS Neo:6 Cinema/Music decoding is activated.

Name	Function
21 DTS-HD MSTR/ DTS-HD HI RES	"DTS-HD MSTR" lights up when the receiver is decoding DTS-HD Master Audio signals. "DTS-HD HI RES" lights up when the receiver is decoding DTS-HD High Resolution signals.
22 LPCM	Lights up when Linear PCM signals are detected.
23 ANALOG	Lights up when – INPUT MODE is set to "AUTO" and no digital signal is being input through the COAXIAL, OPTICAL or HDMI jacks. – INPUT MODE is set to "ANALOG". – the "Analog Direct" is being used.
24 DMPORT	Lights up when DIGITAL MEDIA PORT adapter is connected and "DMPORT" is selected.
25 MULTI IN	Lights up when multi channel input is selected.
26 HDMI	Lights up when the receiver recognizes a component connected via an HDMI IN jack.
27 Playback channel indicators	The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound (based on the speaker settings). L Front Left R Front Right C Center (monaural) SL Surround Left SR Surround Right S Surround (monaural or the surround components obtained by Pro Logic processing) SBL Surround Back Left SBR Surround Back Right SB Surround Back (the surround back components obtained by 6.1 channel decoding) **Example:** Recording format (Front/ Surround): 3/2.1 When Speaker Pattern is set to "3/0.1" Sound Field: A.F.D. AUTO SW L C R SL SR

SECTION 3
DISASSEMBLY

- This set can be disassembled in the order shown below.

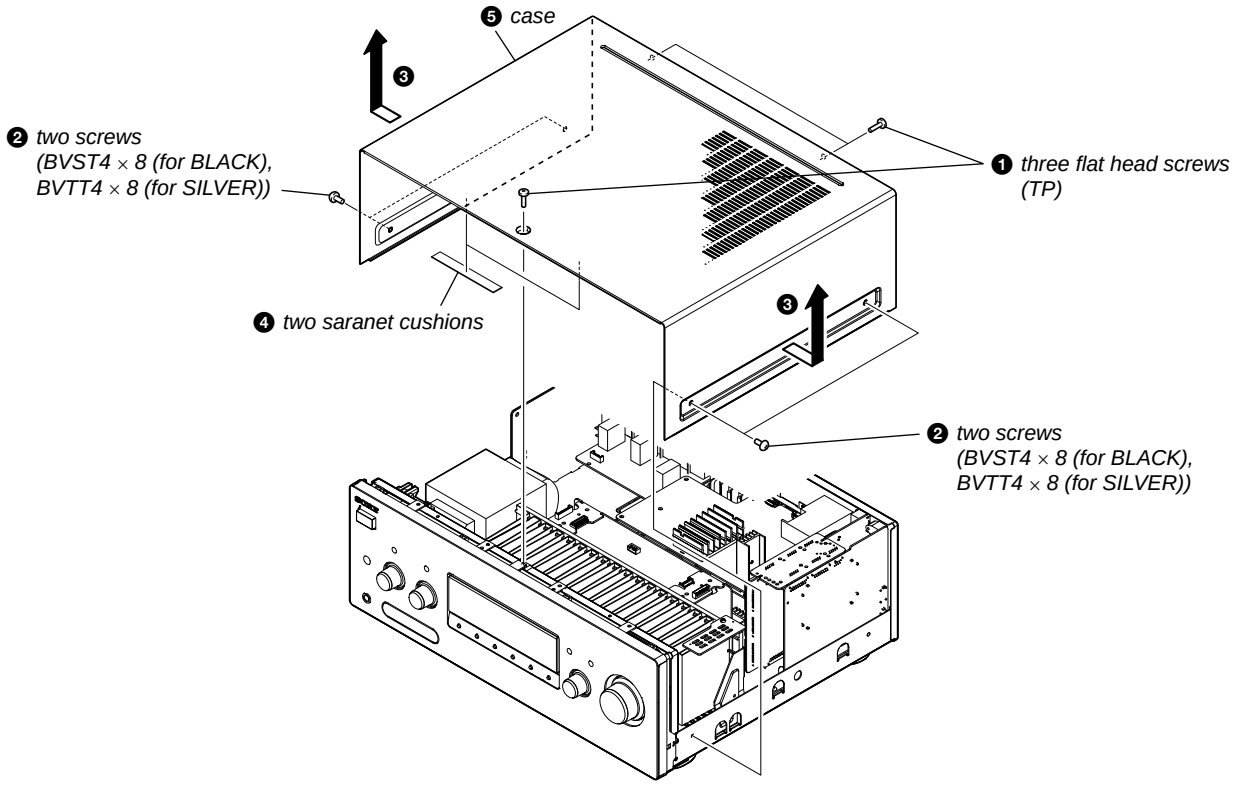
3-1. DISASSEMBLY FLOW


SET
3-2. CASE (Page 14)
3-3. FRONT PANEL BLOCK (DA2400ES) (Page 14)
3-4. FRONT PANEL BLOCK (DG920) (Page 15)
3-5. TUNER (FM/AM), CIS BOARD AND PREOUT BOARD (Page 15)
3-6. DIGITAL VIDEO BOARD (Page 16)
3-7. VIDEO BOARD (Page 16)
3-8. BACK PANEL BLOCK (DA2400ES) (Page 17)
3-9. BACK PANEL BLOCK (DG920) (Page 17)
3-10. MICON BOARD, DIGITAL BOARD (Page 18)
3-11. ACLASS BOARD (Page 18)
3-12. MAIN BLOCK (Page 19)
3-13. MAIN BOARD (Page 19)

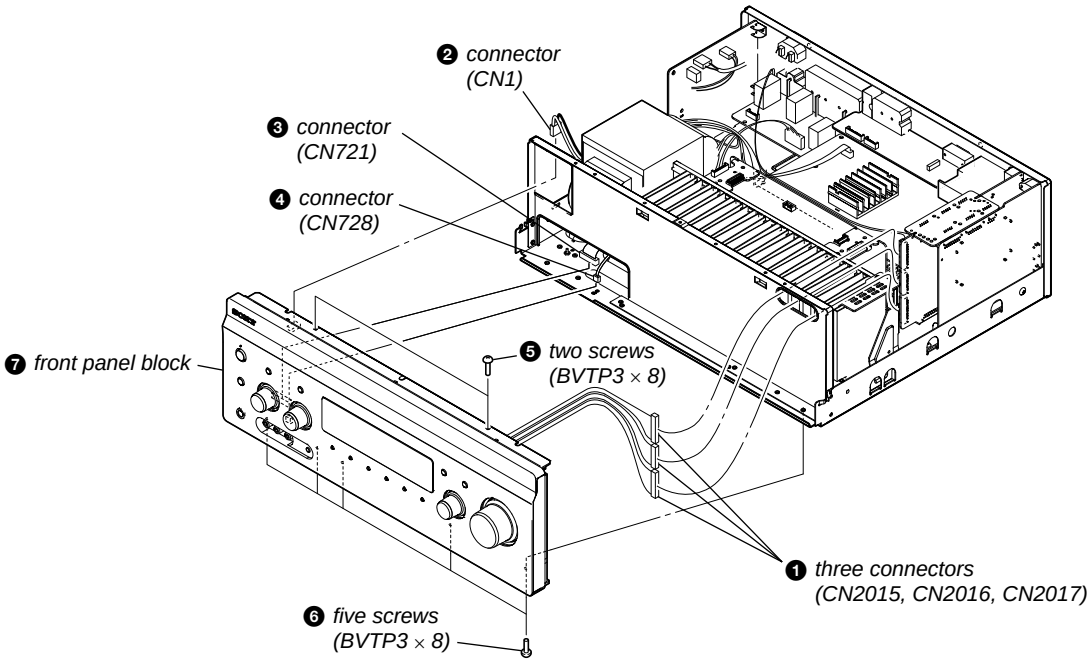
Note: Follow the disassembly procedure in the numerical order given.

3-2. CASE

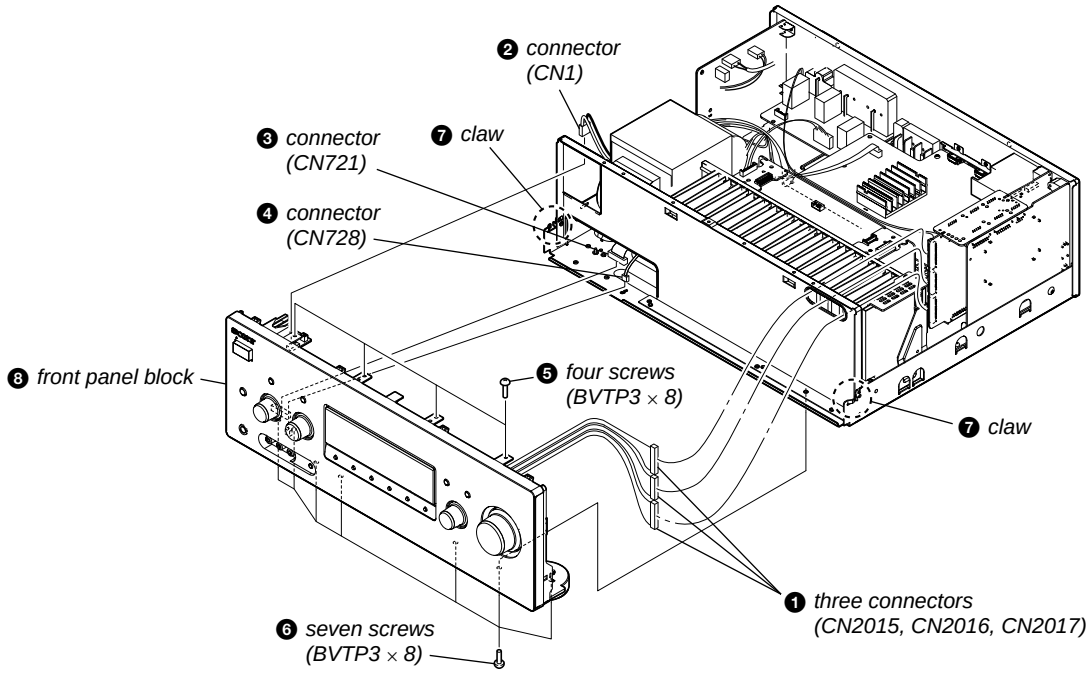
Note: *Both STR-DA2400ES and STR-DG920 can be removed through the same procedure.*



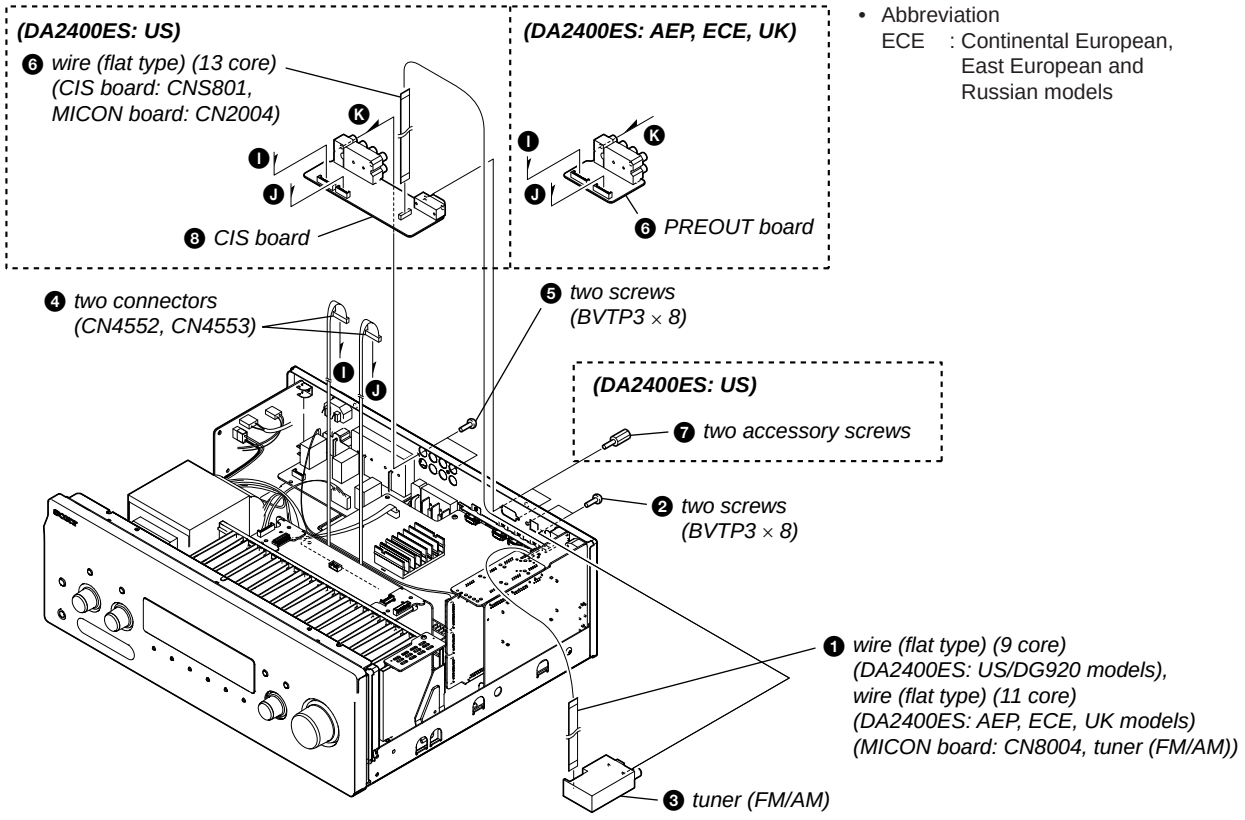
3-3. FRONT PANEL BLOCK (DA2400ES)



3-4. FRONT PANEL BLOCK (DG920)



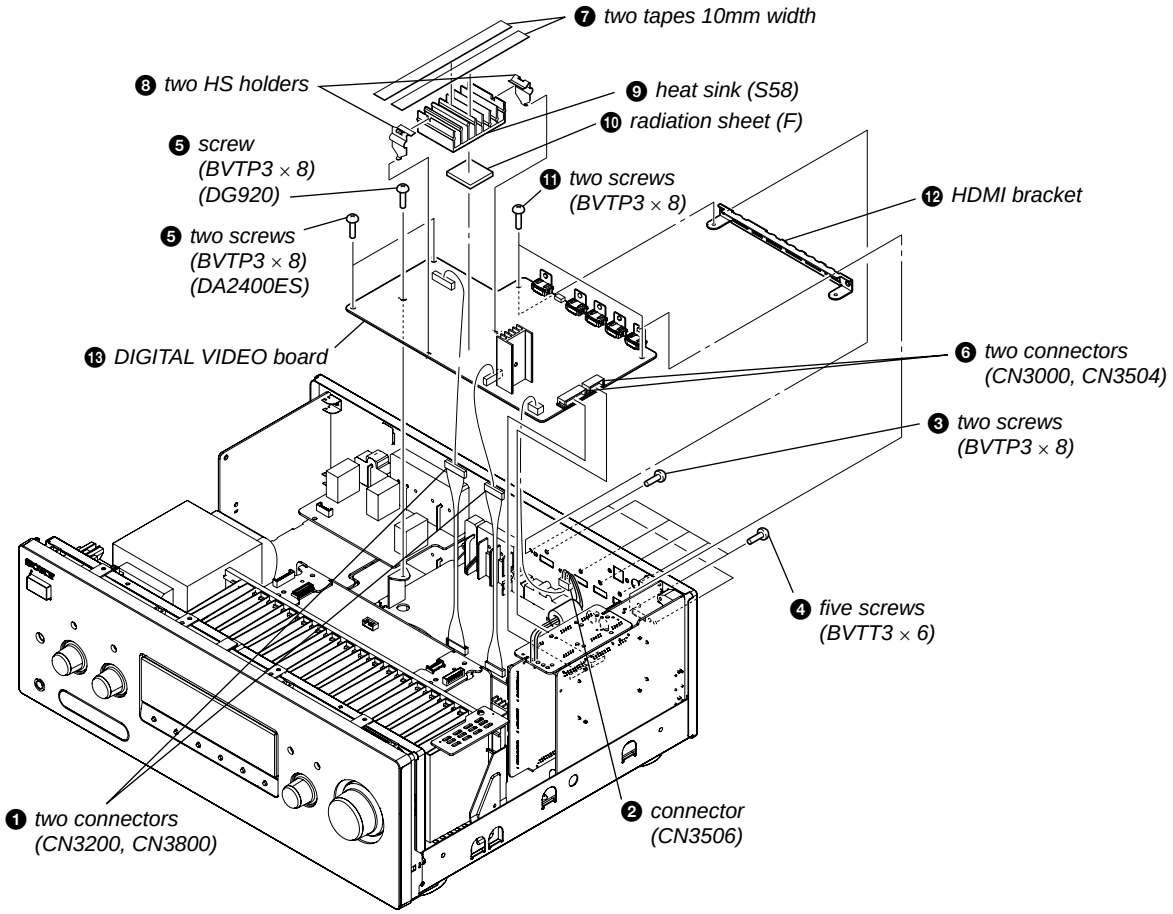
3-5. TUNER (FM/AM), CIS BOARD AND PREOUT BOARD


(DA2400ES: US)
❻ wire (flat type) (13 core) (CIS board: CNS801, MICON board: CN2004)
K
I
J
❽ CIS board
(DA2400ES: AEP, ECE, UK)
I
K
J
❻ PREOUT board
❹ two connectors (CN4552, CN4553)
I
J
❺ two screws (BVTP3 × 8)
(DA2400ES: US)
❼ two accessory screws
❷ two screws (BVTP3 × 8)
❶ wire (flat type) (9 core) (DA2400ES: US/DG920 models), wire (flat type) (11 core) (DA2400ES: AEP, ECE, UK models) (MICON board: CN8004, tuner (FM/AM))
❸ tuner (FM/AM)

• Abbreviation
ECE : Continental European, East European and Russian models

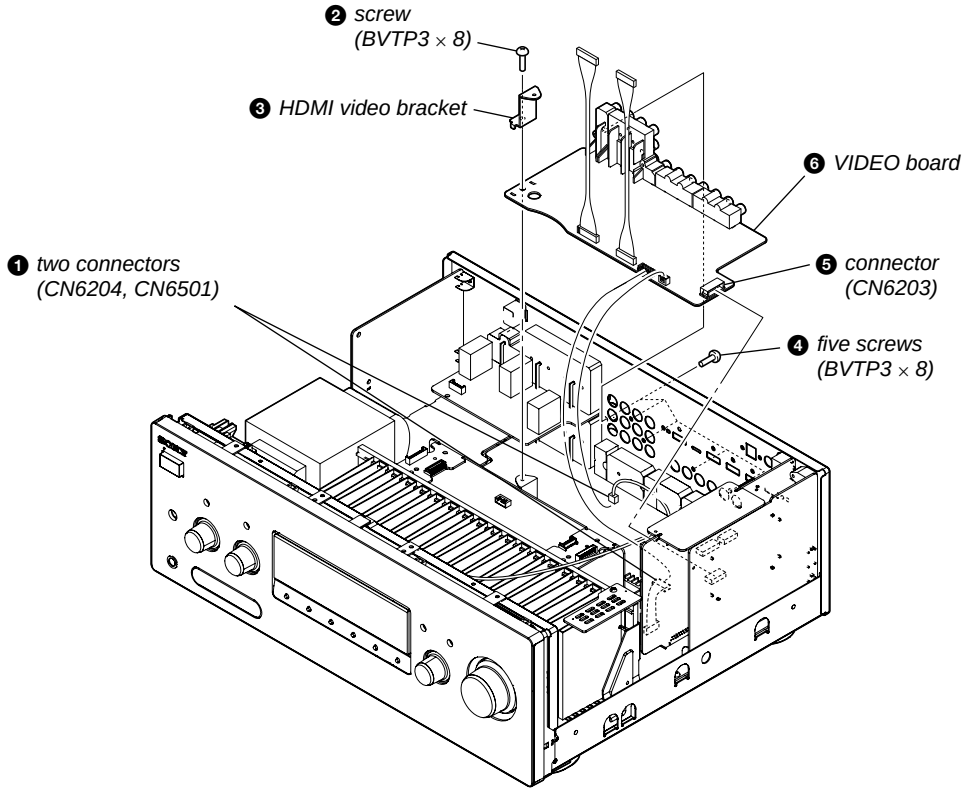
3-6. DIGITAL VIDEO BOARD

Note: *Both STR-DA2400ES and STR-DG920 can be removed through the same procedure.*

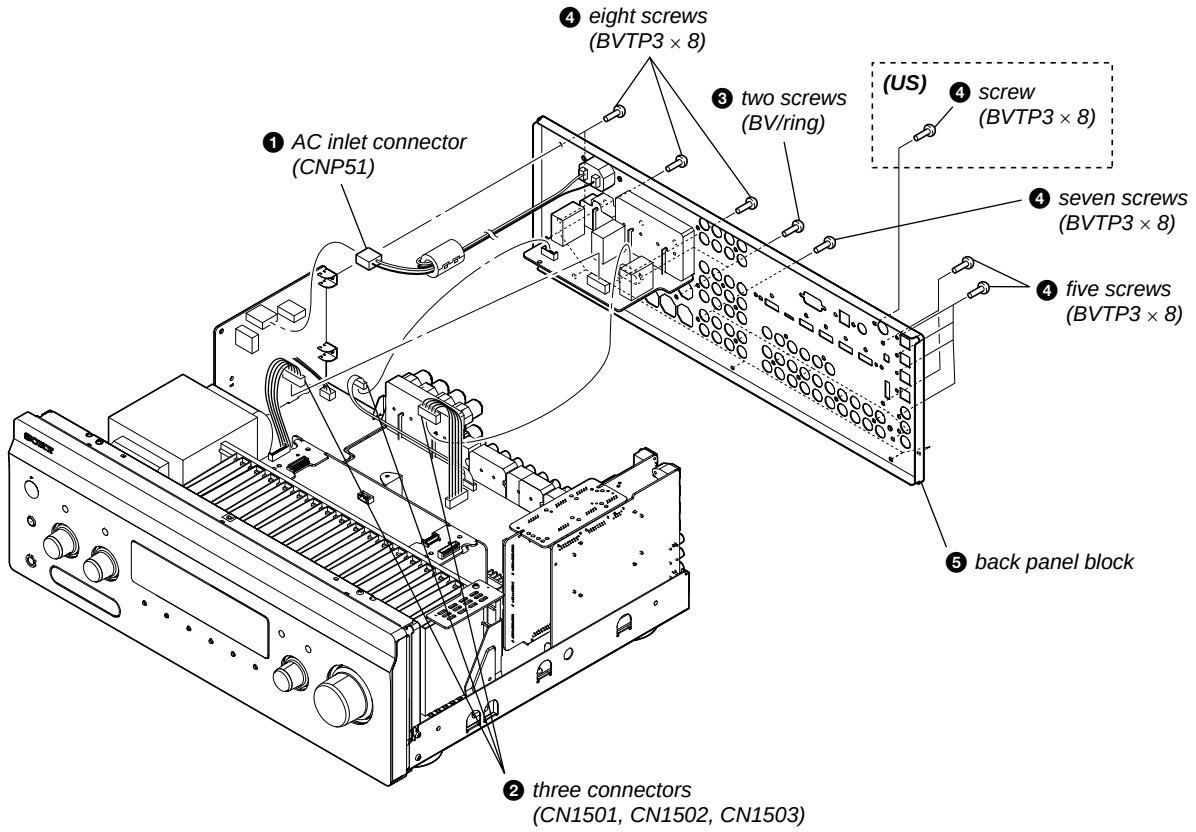

❼ two tapes 10mm width
❽ two HS holders
❾ heat sink (S58)
❿ radiation sheet (F)
❺ screw (BVTP3 × 8) (DG920)
⓫ two screws (BVTP3 × 8)
⓬ HDMI bracket
❺ two screws (BVTP3 × 8) (DA2400ES)
⓭ DIGITAL VIDEO board
❻ two connectors (CN3000, CN3504)
❸ two screws (BVTP3 × 8)
❹ five screws (BVTT3 × 6)
❶ two connectors (CN3200, CN3800)
❷ connector (CN3506)

3-7. VIDEO BOARD

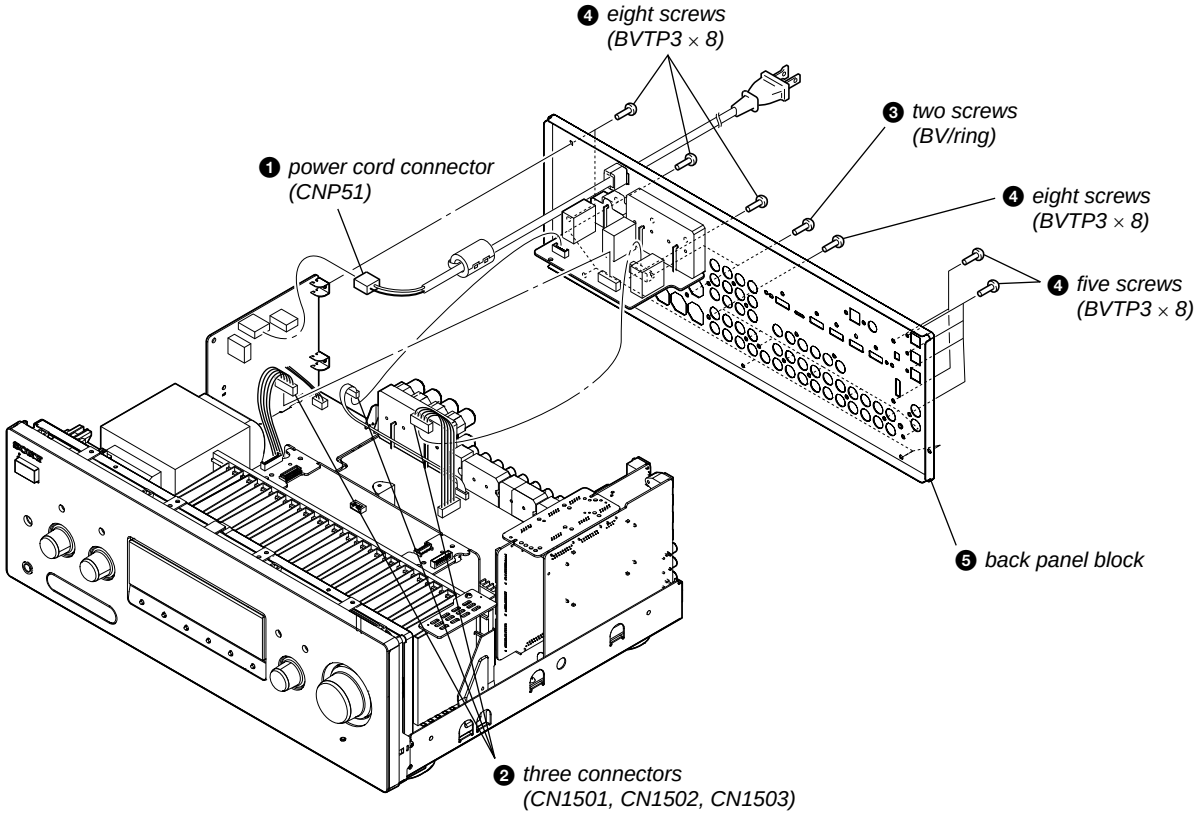
Note: *Both STR-DA2400ES and STR-DG920 can be removed through the same procedure.*



3-8. BACK PANEL BLOCK (DA2400ES)

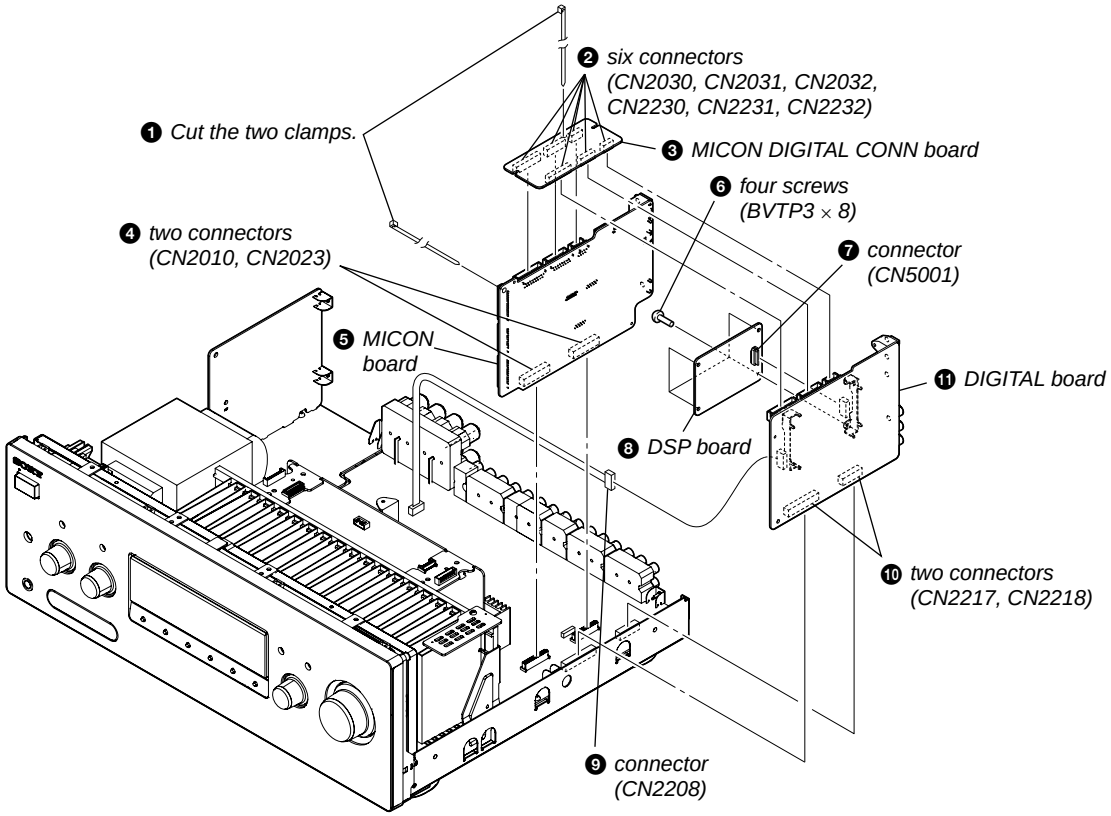


3-9. BACK PANEL BLOCK (DG920)



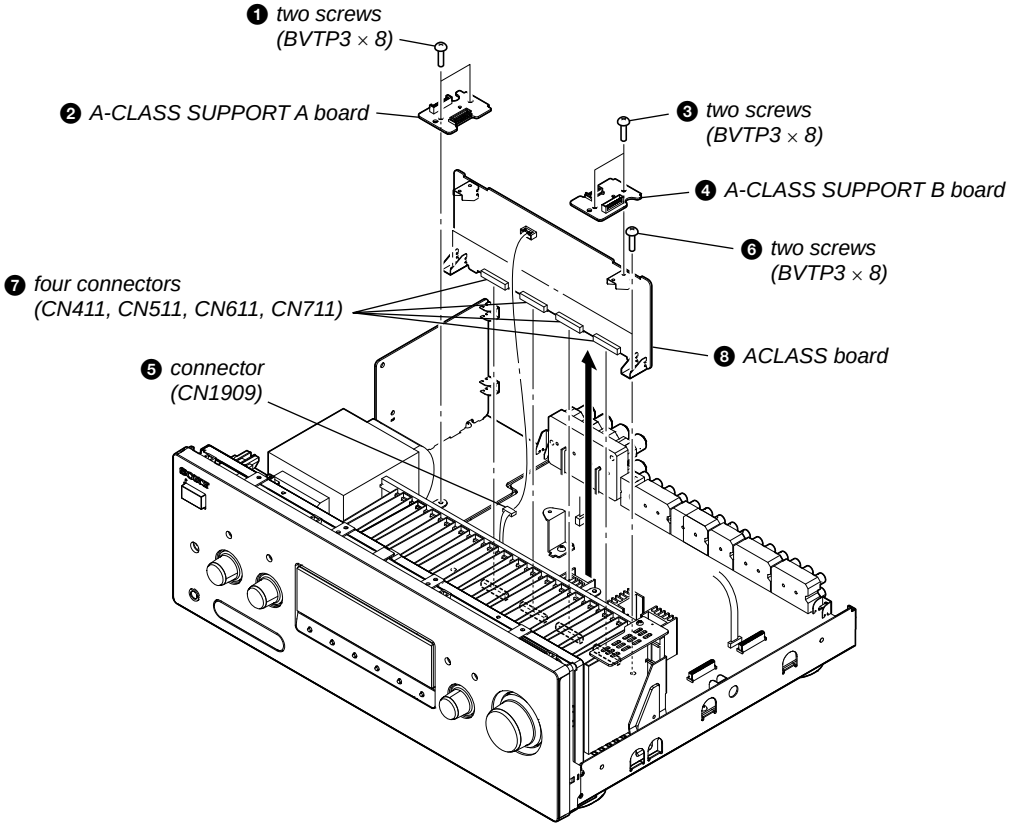
3-10. MICON BOARD, DIGITAL BOARD

Note: *Both STR-DA2400ES and STR-DG920 can be removed through the same procedure.*



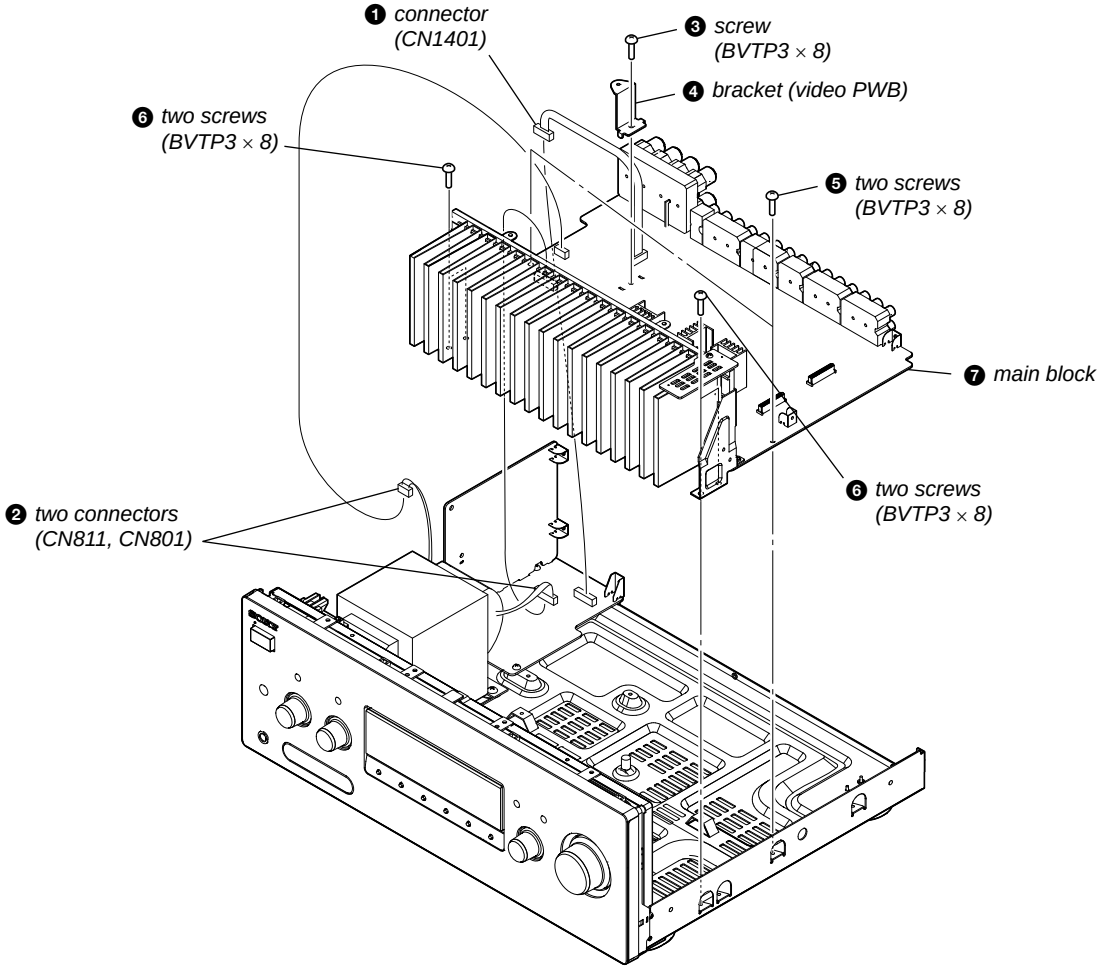
3-11. ACLASS BOARD

Note: *Both STR-DA2400ES and STR-DG920 can be removed through the same procedure.*



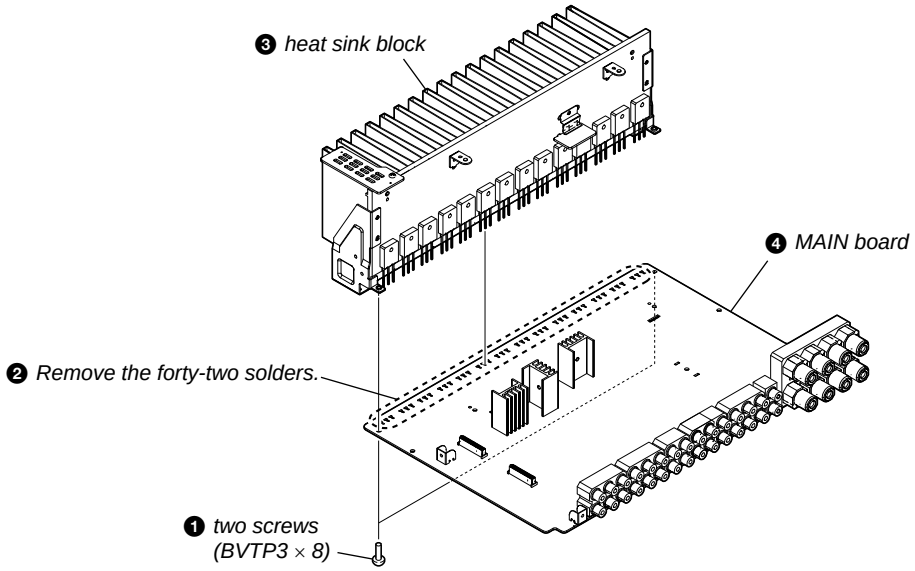
3-12. MAIN BLOCK

Note: *Both STR-DA2400ES and STR-DG920 can be removed through the same procedure.*


❶ connector (CN1401)
❸ screw (BVTP3 × 8)
❹ bracket (video PWB)
❻ two screws (BVTP3 × 8)
❺ two screws (BVTP3 × 8)
❼ main block
❻ two screws (BVTP3 × 8)
❷ two connectors (CN811, CN801)

3-13. MAIN BOARD

Note 1: *Both STR-DA2400ES and STR-DG920 can be removed through the same procedure.*
Note 2: *This illustration sees the MAIN board from pin jack side.*



SECTION 4
TEST MODE

TUNER AM STEP CHANGE MODE (DA2400ES: US/DG920 only)

Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.

Procedure:

1. Press the [POWER] button to turn on the main power.
2. Turn the [INPUT SELECTOR] dial to select the "AM TUNER".
3. Press the [POWER] button to turn off the main power.
4. While pressing the [TUNING MODE] button, press the [POWER] button to turn on the main power.
5. Either the message "AM 9k Step" or "AM10k Step" appears, select the desired step.

SOUND FIELD CLEAR MODE

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the [MUSIC] button, press the [POWER] button to turn on the main power.
2. The message "S.F. CLEAR" appears and initialization is performed.

INITIALIZE MODE

All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the [TONE MODE] and [2CH/A.DIRECT] buttons, press the [POWER] button to turn on the main power.
2. The message "CLEARING" appears and the memories are reset to the default values.
3. When done, the message "CLEARED !" appears.

FLUORESCENT INDICATOR TUBE DISPLAY TEST

All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

1. While pressing the [TONE MODE] and [A.F.D.] buttons, press the [POWER] button to turn on the main power.
2. All segments and all LEDs turn on.

SWAP MODE

The signal will be swap to all channel so that all speaker will have sound output.

Procedure:

1. While pressing the [MEMORY/ENTER] and [2CH/A. DIRECT] buttons, press the [POWER] button to turn on the main power.
2. The message "SWAP MODE" appears. (No change while displayed.)

SOUND FIELD LOCK ON/OFF CHANGE MODE

All buttons operation on/off of the front panel is changed.

Procedure:

1. While pressing the [SPEAKERS (OFF/A/B/A+B)] and [MUSIC] buttons, press the [POWER] button to turn on the main power.
2. Either the message "S.F. LOCK OFF" or "S.F. LOCK ON" appears.

COMMAND MODE CHANGE MODE

The command mode of the remote-commander which this set receives can be changed.

Procedure:

1. While pressing the [2CH/A. DIRECT] button, press the [POWER] button to turn on the main power.
2. Either the message "C. MODE AV1" or "C. MODE AV2" appears. Select the desired mode.

XM FACTORY TEST MODE (DA2400ES: US/DG920 only)

Mode to confirm operation of XM. Doing display of ID of XM antenna and output of audio signal that XM antenna generates, it is confirmed that there are no problems in the communication of the XM antenna and the transmission of the audio signal.

Procedure:

1. The XM antenna was connected, while pressing the [TUNING MODE] and [MOVIE] buttons, press the [POWER] button to turn on the main power.
2. Whenever the [DISPLAY] button is pressed, the output of the audio signal of 1 kHz L/R, 20 Hz L/R, 5 kHz L/R, muting, 1 kHz L and 1kHz R are switched.

SIRIUS FACTORY TEST MODE (DA2400ES: US only)

Mode to confirm operation of SIRIUS. Doing display of ID of SIRIUS antenna and output of audio signal that SIRIUS antenna generates, it is confirmed that there are no problems in the communication of the SIRIUS antenna and the tranmission of the audio signal.

Procedure:

1. The SIRIUS antenna was connected, while pressing the [TUNING MODE] and [A.F.D.] buttons, press the [POWER] button to turn on the main power.
2. Whenever the [DISPLAY] button is pressed, the output of the audio signal of 1 kHz L/R, 20 Hz L/R, 5 kHz L/R, muting, 1 kHz L and 1 kHz R are switched.

HISTORY MODE

The state that the set is used is memorized.

Procedure:

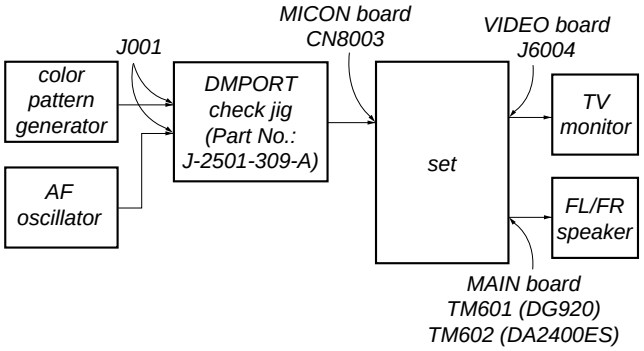
1. While pressing the [MEMORY/ENTER] and [MUSIC] buttons, press the [POWER] button to turn on the power and "HISTORY" is displayed.
2. Each time the [⬆] [⬇] key of remote commander is pressed, the item is switched in order as follows.

Items	Display
Protector count	COUNT XX
Total single power on time	SxxxxxHxxM
Sound field	xxxxxxxxxx
Input function	xxxxxxxxxx
Input mode	xxxxxxxxxx
Digital select	xxxxxxxxxx
Stream information	xxxxxxxxxx
Signal configuration	CONF xxxxx
Headphones	HEADPH xxx
Volume	VOL xxxxx
Bass	BASS xxdB
Treble	TREB xxdB
Level FL/FR	FL/R xx xx
Level SL/SR	SL/R xx xx
Level CT/SW	C/SW xx xx
Level BL/BR	BL/R xx xx
Total power on time	T xxHxxM
Muting	MUTING xxx
Power on counter (Rebox test mode)	REBOX xxxx

DIGITAL MEDIA PORT TEST

Procedure:

1. Connect the DMPORT check jig (P/N: J-2501-309-A) with the DMPORT jack (CN8003) on the MICON board.
2. While pressing the [MEMORY/ENTER] and [A.F.D.] buttons, press the [POWER] button to turn on the main power.
3. The message "DMPORT T." and "DMPORT OK"appears on the fluorescent indicator tube and enter the digital media port test mode. (Confirmation of communication line)
   When "NO DETECT", "UART NG" and "UART TO" are displayed on the fluorescent indicator tube, confirm the connection of the DMPORT check jig, and enter the mode again.
   Each time the [⏭] button on the remote commander is pressed, the connect check and adaptor version check are switched.
   Press the [⏮] button on the remote commander, connected confirmation of the DMPORT check jig is done again.
4. To a pinjack of the DMPORT check jig input information relevant to audio signal (sine-wave 1.0V rms) and composite video signal (white 100% 1.0Vp-p, color bar, etc.).
5. Confirm the output of speakers and monitor TV. (Confirmation of analog signal)
6. To release from this mode, press the [■] button on the remote commander.



SOFTWARE VERSION DISPLAY MODE

The software version is displayed.

Procedure:

1. While pressing the [TONE MODE] and [MUSIC] buttons, press the [POWER] button to turn on the main power.
2. The message "M.Ver X.XX" appears.
   Each time the [DISPLAY] button is pressed, "H.Ver X.XX", "V.Ver X.XX", "G.Ver X.XX", "F.Ver X.XX" and "S.Ver X.XX" this order, and returns to the "M.Ver X.XX" displayed.

KEY CHECK MODE

Button check

Procedure:

1. While pressing the [MEMORY/ENTER] and the [MOVIE] buttons, press the [POWER] button to turn on the main power.
2. Either the message "REST 11" appears.
   Every pressing of any button other than the [POWER] counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed "REST 00" appears.

SPECIAL MENU MODE

Procedure:

1. Press the [POWER] button to turn on the main power, then while pressing the [TONE MODE] button, press the [A.F.D.], [2CH/A. DIRECT], [MUSIC], [MOVIE] button in order, the message “SPECIALIZE” appears.
2. Press the [↑] [↓] button on the remote commander, the message “< SPECIAL>” appears.
3. Press the [→] button on the remote commander, the item is appears.
4. Each time the [↑] [↓] button on the remote commander is pressed, the item is switched in order as follows.
   Some items can change the content. Display the cursor by pressing the [→] button on the remote commander, and changing the content by pressing the [↑] [↓] button on the remote commander, and fix the content by pressing the [←] button on the remote commander when you want to change the content of the item.
5. To release from this mode, while pressing the [TONE MODE] button, press the [A.F.D.], [2CH/A. DIRECT], [MUSIC], [MOVIE] button in order again, the message “OFF” appears.

Items	Display	Remark
Model/Destination change	MODEL	When [→] button on the remote commander is pressed, the message “A24 ** XXX” or “G92 ** XXX” is appears **: Destination XXX: FIX or AUT
Main micom version display	M.Ver X.XX	X.XX: System controller software version
Farouja version display	F.Ver X.XX	X.XX: Farouja software version
CGROM micom version display	G.Ver X.XX	X.XX: CGROM controller software version
HDMI micom version display	H.Ver X.XX	X.XX: HDMI controller software version
DSP serial flash version display	S.Ver X.XX	X.XX: Serial flash software version
FLI update	FLI UPDATE	When [→] button on the remote commander is pressed, the message “ON” or “OFF” is appears
HD update	HD UPDATE	When [→] button on the remote commander is pressed, the message “ON” or “OFF” is appears
HDCP key read	HDCP KEY	When [→] button on the remote commander is pressed, the message “ON” or “OFF” is appears
Video Factroy	V. FACTORY	Menu mode to enter video calibration menu If the [ENTER] button of the remote commander is pressed, entering the menu, and operating two the following menu become possible
Video calibration (Video factory)	V.CALIBRATION START?	Procedure: 1. “DVD” is selected by using [INPUT SELECTOR] jog. 2. Connect a color pattern generator to the COMPONENT VIDEO COMPO 2 IN jack (J6001) and DVD VIDEO IN jack (J6004) on the VIDEO board. 3. Input 100% color bars signal from the color pattern generator. 4. Menu that measures individual difference of hardness by automatic operation in pressing the [ENTER] button of the remote commander, and corrects reference value. In a measurement once, only one of NTSC/PAL/HD can be measured
Auto cal mic test	SP OUT	When [→] button on the remote commander is pressed, the message “SOURCE” or “mic” is appears SOURCE: normal mode, MIC: mode that output audio from mic input
FL display fonts test	FL FONT	When [→] button on the remote commander is pressed, the message “0X**=X” is appears **: 20 to FF, X: character
FL display test	All segments turn on	Each time [DISPLAY] button to change as follows all on → test pattern 1 → test pattern 2 → all off → all on
DSP halt	DSP HALT	When [→] button on the remote commander is pressed, the message “ON” or “OFF” is appears
Super reset	RESET	Not used for the servicing When EEPROM initialization is required, perform the “memory clearing mode”
RAM watch menu	RAM WATCH	When [→] button on the remote commander is pressed, the message “XXXXXXXXX” is appears XXXXXXXXX: Various internal RAM (Switching with [↑] [↓] button on the remote commander)
EEPROM debug	EEPROM	When [→] button on the remote commander is pressed, the message “**** XX” is appears ****: EEPROM address, XX: EEPROM data
Protector on/off	PROTECTOR	When [→] button on the remote commande is pressed, the message “ON” or “OFF” is appears
Audio swap	SWAP MODE	When [→] button on the remote commander is pressed, the message “XXXXXXXXX” is appears XXXXXXXXX: audio swap mode Switching with [↑] [↓] button on the remote commander

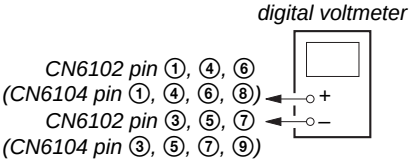
Items	Display	Remark
Volume value display (FL/FR)	L****RXXXX	****: Front L-ch volume value, XXXX: Front R-ch volume value (for design evaluation)
Volume value display (SL/SR)	S****SXXXX	****: Surround L-ch volume value, XXXX: Surround R-ch volume value (for design evaluation)
Volume value display (CT/SW)	C****WXXXX	****: Center volume value, XXXX: Sub woofer volume value (for design evaluation)
Volume value display (SBL/SBR)	B****BXXXX	****: Surround back L-ch volume value, XXXX: Surround back R-ch volume value (for design evaluation)
DAC mute information disclosure 1	U XXXXXXXX	Display of module information to demand muting in system controller (for design evaluation)
DAC mute information disclosure 2	L XXXXXXXX	Display of module information to demand muting in system controller (for design evaluation)
Volume Display	VOL XXXX	XXXX: Volume
FL display duty change	DUTY	When [➡] button on the remote commander is pressed, the message “XXX” is appears XXX: Duty value of FL display (1% to 100%) (for design evaluation)

SECTION 5
ELECTRICAL ADJUSTMENT

BIAS ALIGNMENT ADJUSTMENT (DA2400ES: AEP, Continental European, East European, Russian and UK only)

Note: Afer 10 minutes or more have passed since the power supply was turned on, this adjustment is done.

Connection:

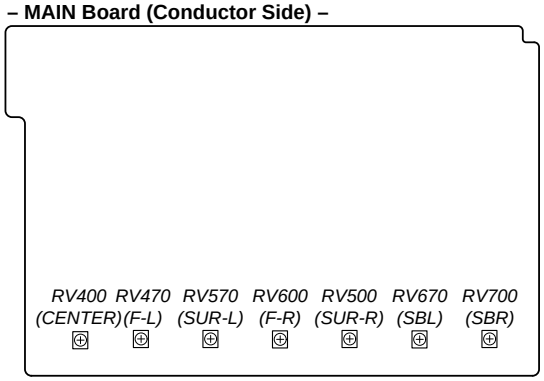


Procedure:

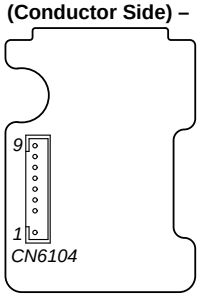
1. Connect a digital voltmeter to the CN6102 (CN6104).
2. Press the [POWER] button to turn on the main power.
3. Adjust the RV400 (RV470, RV500, RV570, RV600, RV670, RV700) so that the digital voltmeter reading is 5 mV to 20 mV.

Adjustment and Connection Location:

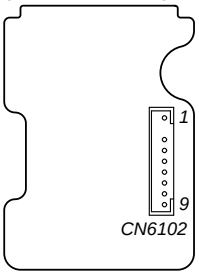
– MAIN Board (Conductor Side) –



– A-CLASS SUPPORT A Board (Conductor Side) –



– A-CLASS SUPPORT B Board (Conductor Side) –

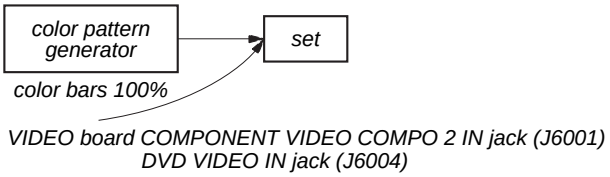


VIDEO CALIBRATION ADJUSTMENT

Adjustment to decide the standard of the video input signal.

Note: After replacing DIGITAL VIDEO board, or after "SUPER RESET" of the special menu mode is executed, perform this adjustment.

Connection:



Procedure:

1. "DVD" is selected by using [INPUT SELECTOR] jog.
2. Connect a color pattern generator to the COMPONENT VIDEO COMPO 2 IN jack (J6001) on the VIDEO board and DVD VIDEO IN jack (J6004) on the VIDEO board.
3. Input NTSC color bars signal from the color pattern generator.
4. Press the [POWER] button to turn off the main power
5. While pressing the [2CH/A.DIRECT] and [SPEAKERS (OFF/A/B/A+B)] buttons, press the [POWER] button to turn on the main power. It enters the test mode, and display as below.

```
V.CALIBRATION START? ←→ N: MWx_____
                  (PAL input) P: MWx_____
                  (HD input)  H: MWx_____
```

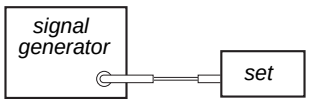
6. In state of step 5, press the [MEMORY/ENTER] button. The adjustment is automatically completed, and result is written in the EEPROM, and display as below.

```
(NTSC input) N: MWo C_V__
(PAL input)  P: MWo C_V__
(HD input)   H: MWo C____
```

7. Input PAL color bars signal from the color pattern generator.
8. Perform step 4 to 6.
9. Input HD color bars signal (720p or 1080i) from the color pattern generator.
10. Perform step 4 to 6.
11. When all the adjustments end, display as below.

```
FIN N:P:H
```

FM AUTO STOP CHECK



Procedure:

1. Turn on the set.
2. Input the following signal from signal generator to FM antenna input directly.

Carrier frequency : A = 87.5 MHz, B = 98 MHz, C = 108 MHz
Deviation : 75 kHz
Modulation : 1 kHz
ANT input : 1 kHz

Note: Use 75 ohm coaxial cable to connect signal generator and the set. You cannot use video cable for checking.
Use signal generator whose output impedance is 75 ohm.

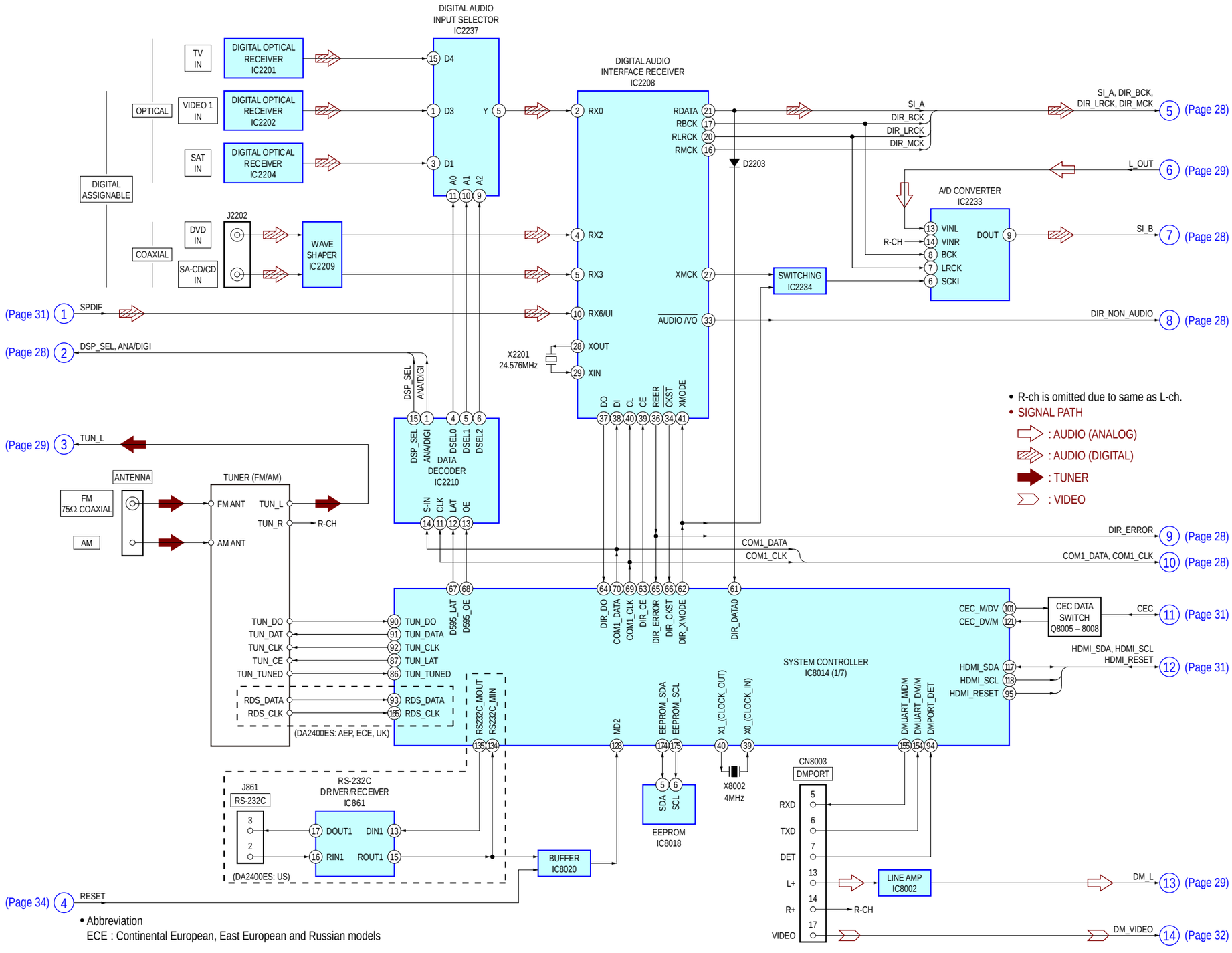
3. Set to FM tuner function and scan the input FM signal with automatic scanning.
4. Confirm that input frequency of A, B and C are detected and automatic scanning stops.

When the station signal is received in good condition, automatic scanning stops.

MEMO

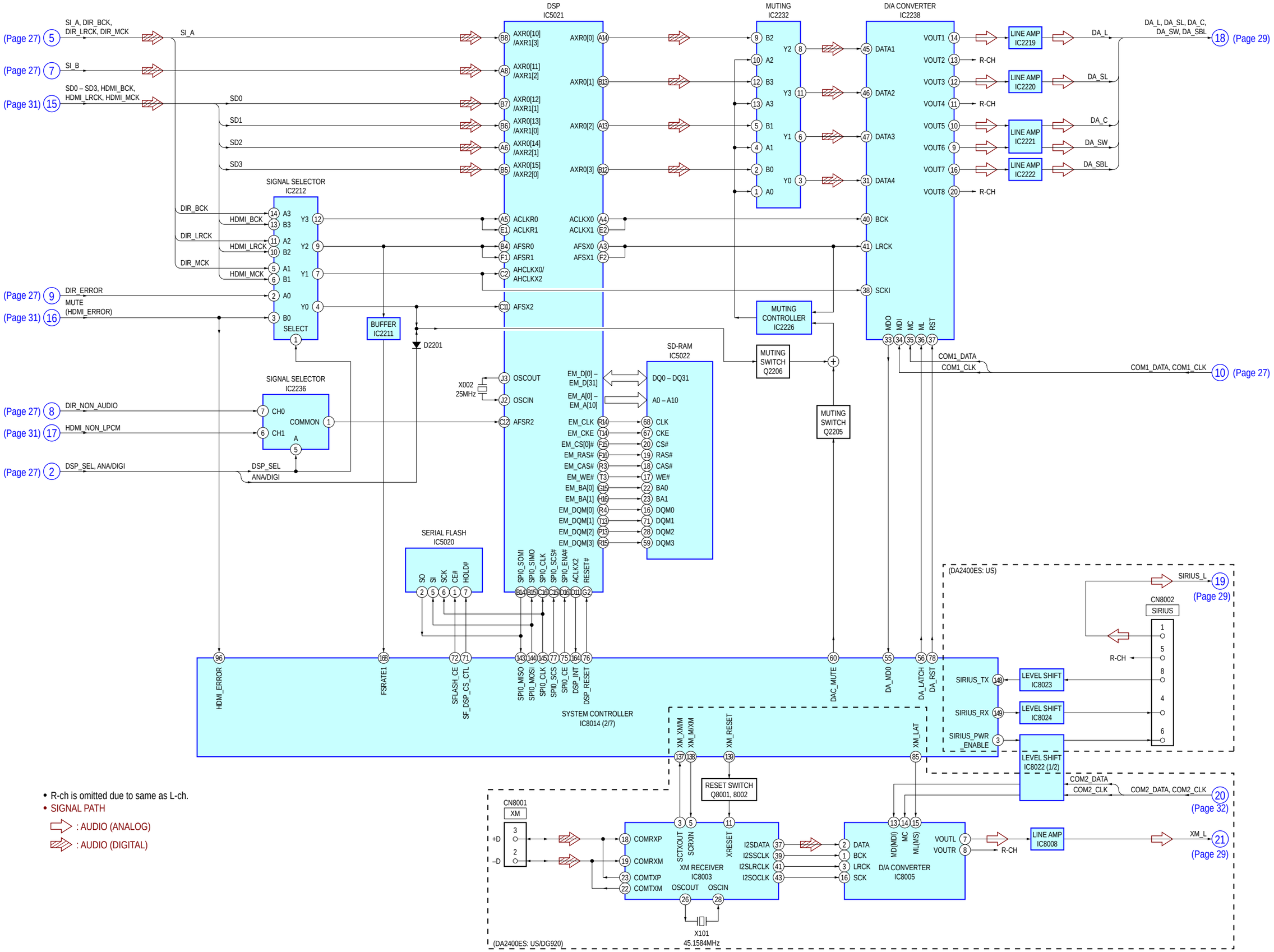
SECTION 6
DIAGRAMS

6-1. BLOCK DIAGRAM - DIGITAL AUDIO/TUNER Section -



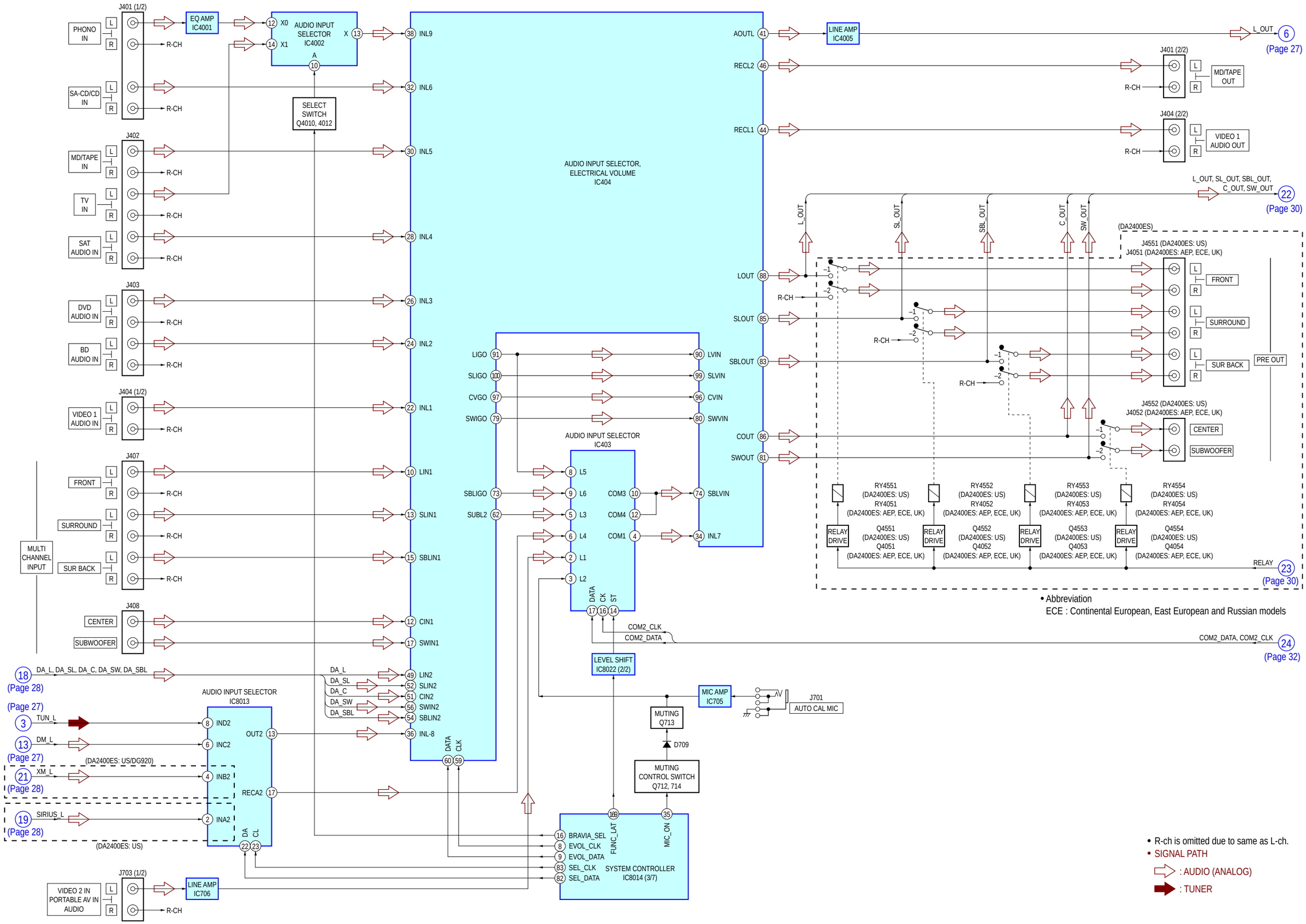
• Abbreviation
ECE : Continental European, East European and Russian models

6-2. BLOCK DIAGRAM - DSP/XM Section -

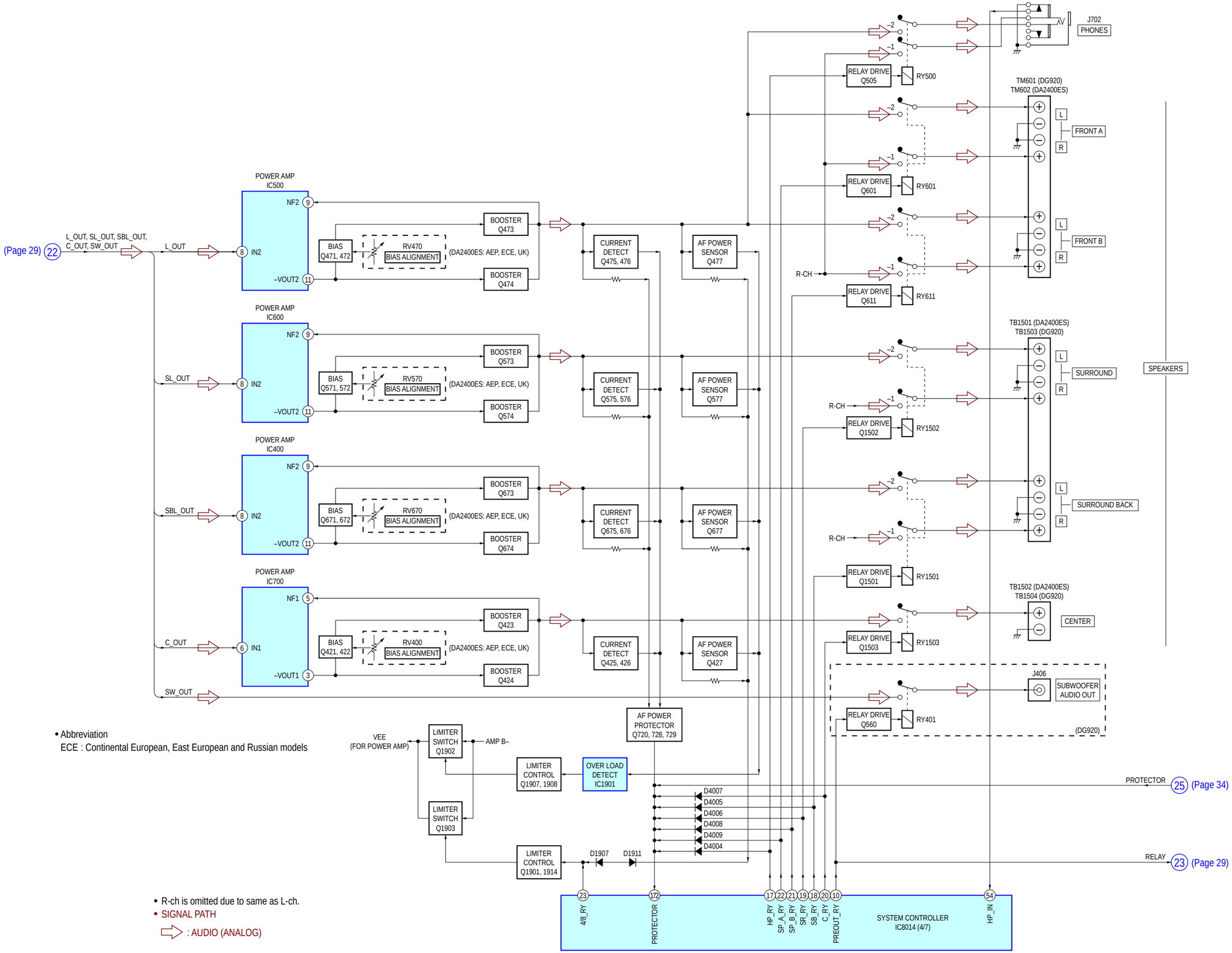


- R-ch is omitted due to same as L-ch.
- SIGNAL PATH
  - : AUDIO (ANALOG)
  - : AUDIO (DIGITAL)

6-3. BLOCK DIAGRAM - ANALOG AUDIO Section -



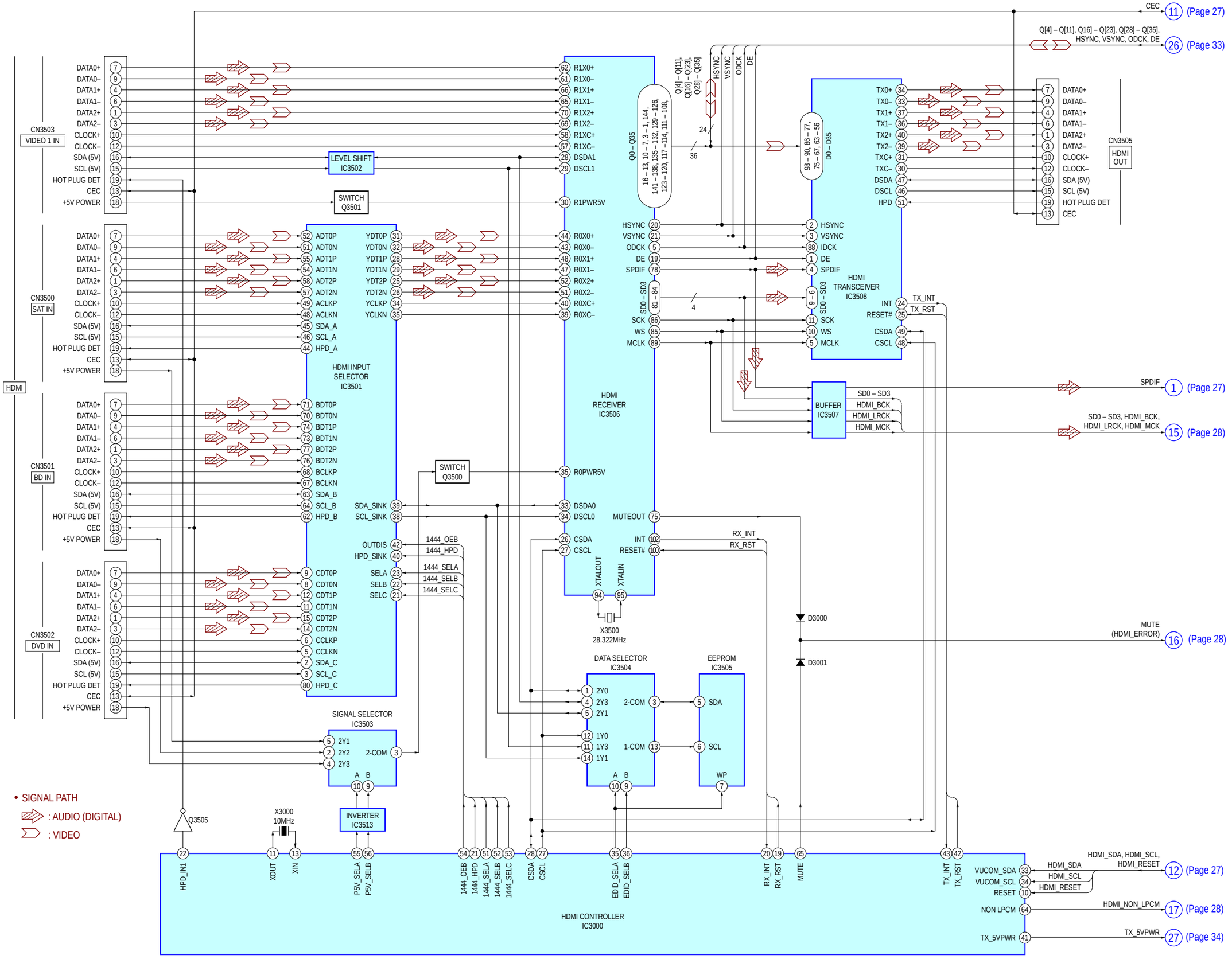
6-4. BLOCK DIAGRAM - AMP Section -



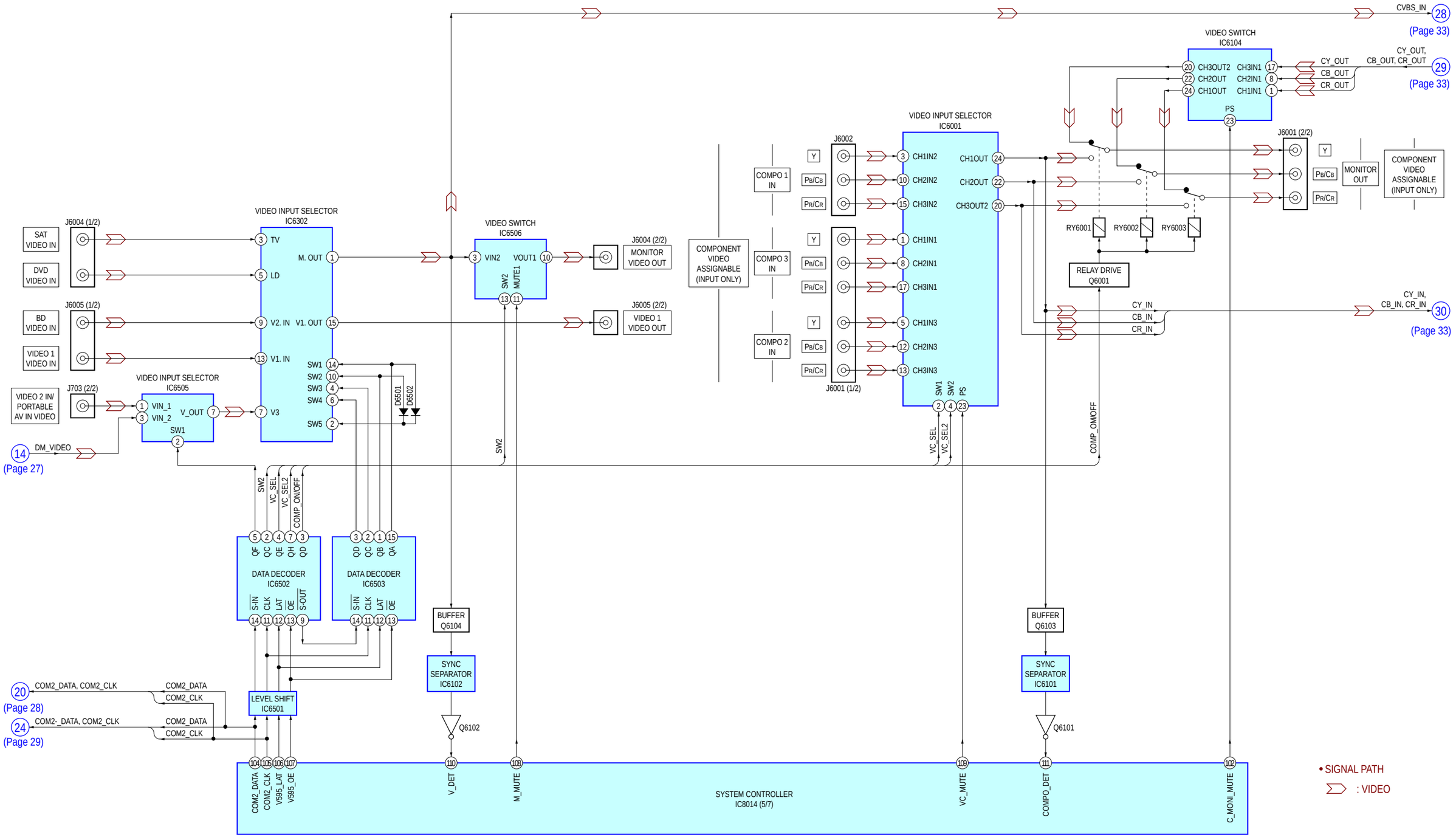
• Abbreviation
ECE : Continental European, East European and Russian models

• R-ch is omitted due to same as L-ch.
• SIGNAL PATH
: AUDIO (ANALOG)

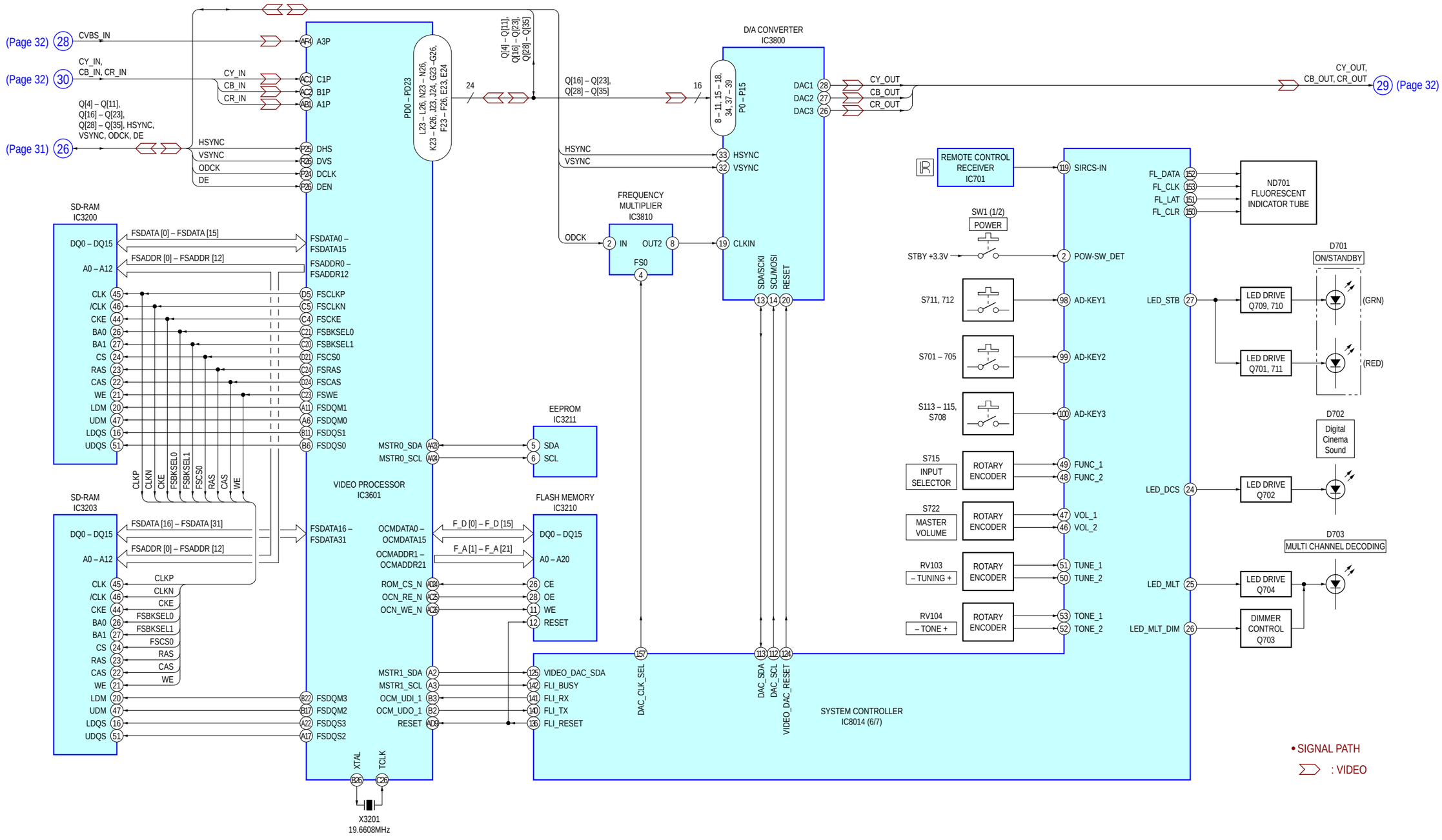
6-5. BLOCK DIAGRAM - HDMI Section -



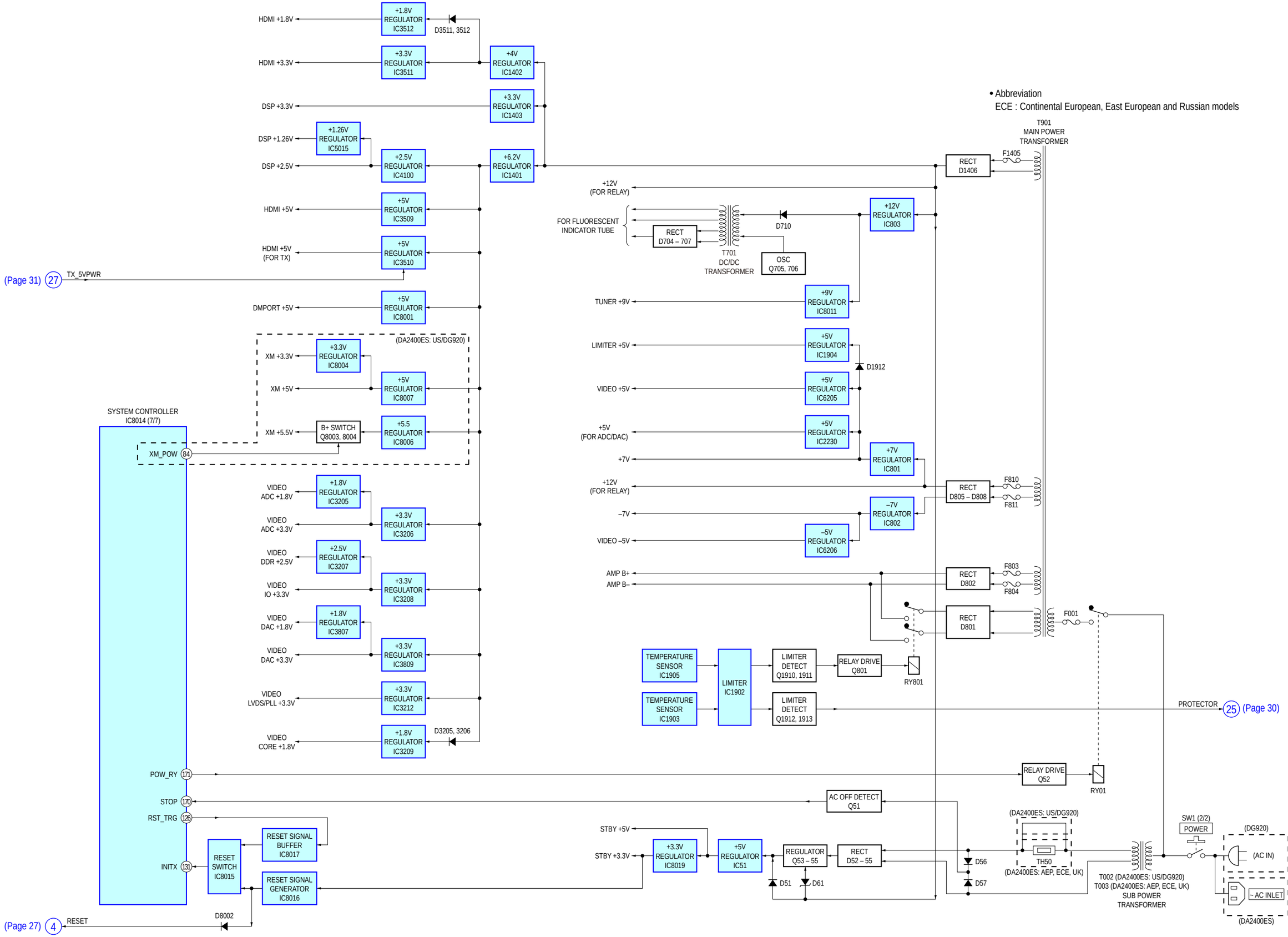
6-6. BLOCK DIAGRAM - VIDEO (1/2) Section -



6-7. BLOCK DIAGRAM - VIDEO (2/2)/PANEL Section -



6-8. BLOCK DIAGRAM - POWER SUPPLY Section -



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS. (In addition to this, the necessary note is printed in each block.)

For Printed Wiring Boards.

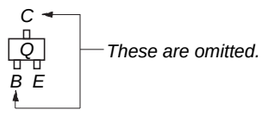
Note:

- ○——: Parts extracted from the component side.
- ——: parts extracted from the conductor side.
- △ : internal component.
- ▭ : Pattern from the side which enables seeing. (The other layers' patterns are not indicated.)

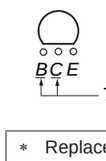
Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

Caution:	
Pattern face side: (SIDE B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (SIDE A)	Parts on the parts face side seen from the parts face are indicated.

- DIGITAL VIDEO and DSP boards are multi-layer printed boards.
  However, the patterns of intermediate-layers have not been included in diagrams.
- Indication of transistor.



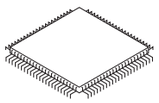
These are omitted.



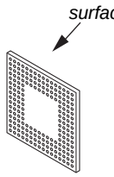
These are omitted.

* Replacement of IC3601 on the DIGITAL VIDEO board used in this set requires a special tool.

- Lead layouts



Lead layout of conventional IC



CSP (Chip Size Package)

For Schematic Diagrams.

Note:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : nonflammable resistor.
- ▭ : panel designation.

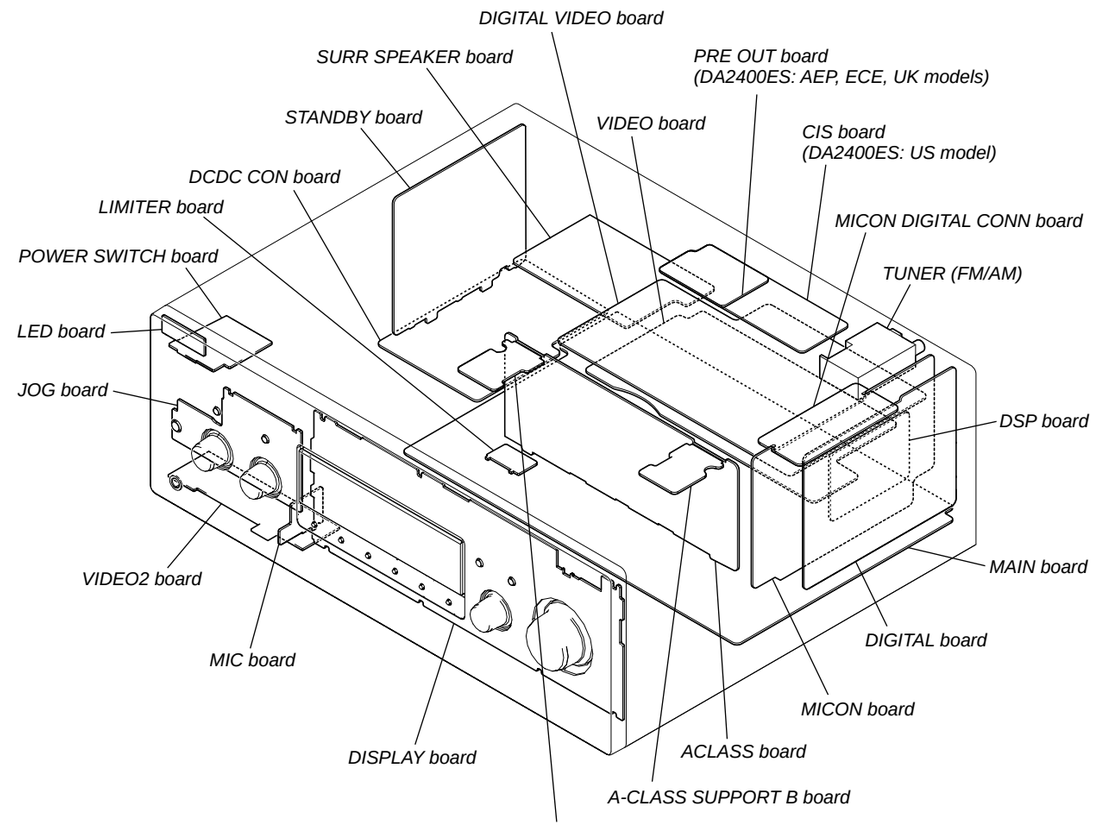
Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- ▬▬: B+ Line.
- ▬ ▬ ▬: B– Line.
- ▭: adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇛ : AUDIO (DIGITAL)
  ⇨ : AUDIO (ANALOG)
  ➡ : TUNER
  ▷ : VIDEO

* Replacement of IC3601 on the DIGITAL VIDEO board used in this set requires a special tool.

- The Voltage and waveform of CSP (Chip size package) cannot be measured, because its lead layout is different from that of conventional IC.
- Abbreviation
  ECE : Continental European, East European and Russian models

- **Circuit Boards Location**



- Abbreviation
  ECE : Continental European, East European and Russian models

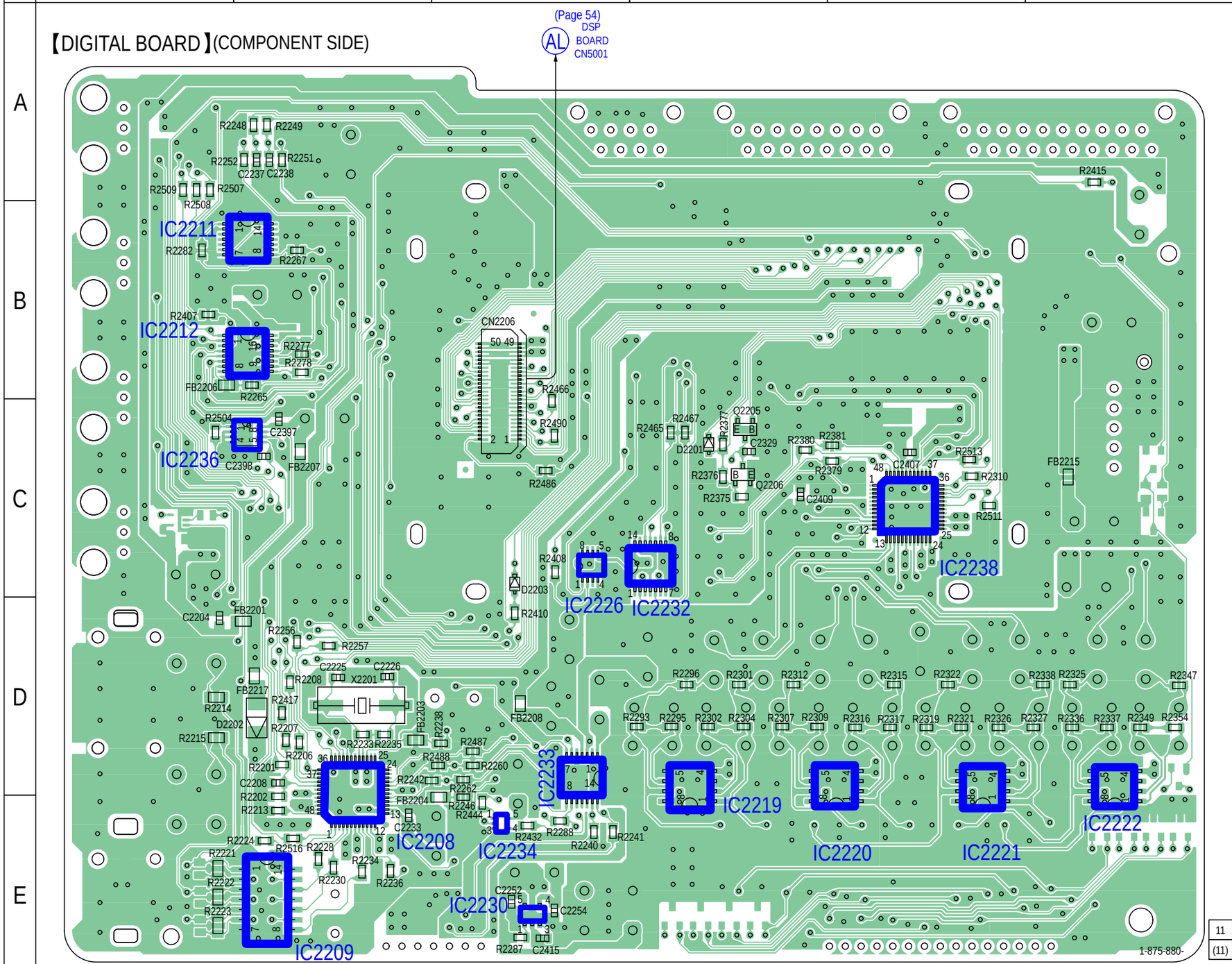
6-9. PRINTED WIRING BOARD - DIGITAL Board (Component Side) -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

• **Semiconductor Location**

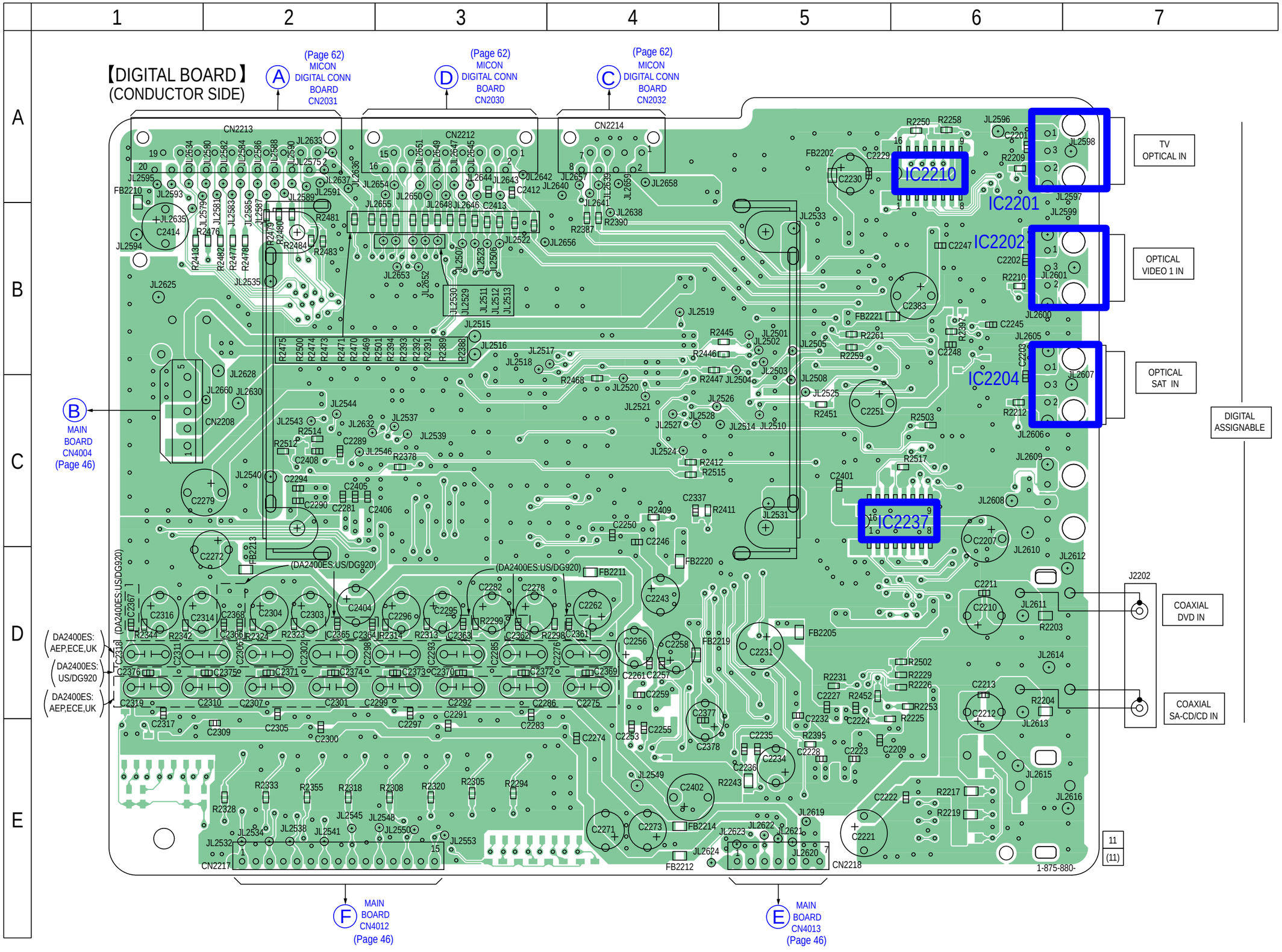
Ref. No.	Location
D2201	C-4
D2202	D-2
D2203	C-3
IC2208	E-2
IC2209	E-2
IC2211	B-2
IC2212	B-2
IC2219	D-4
IC2220	D-5
IC2221	D-5
IC2222	D-6
IC2226	C-3
IC2230	E-3
IC2232	C-4
IC2233	D-3
IC2234	E-3
IC2236	C-2
IC2238	C-5
Q2205	C-4
Q2206	C-4

【DIGITAL BOARD】(COMPONENT SIDE)



6-10. PRINTED WIRING BOARD - DIGITAL Board (Conductor Side) -

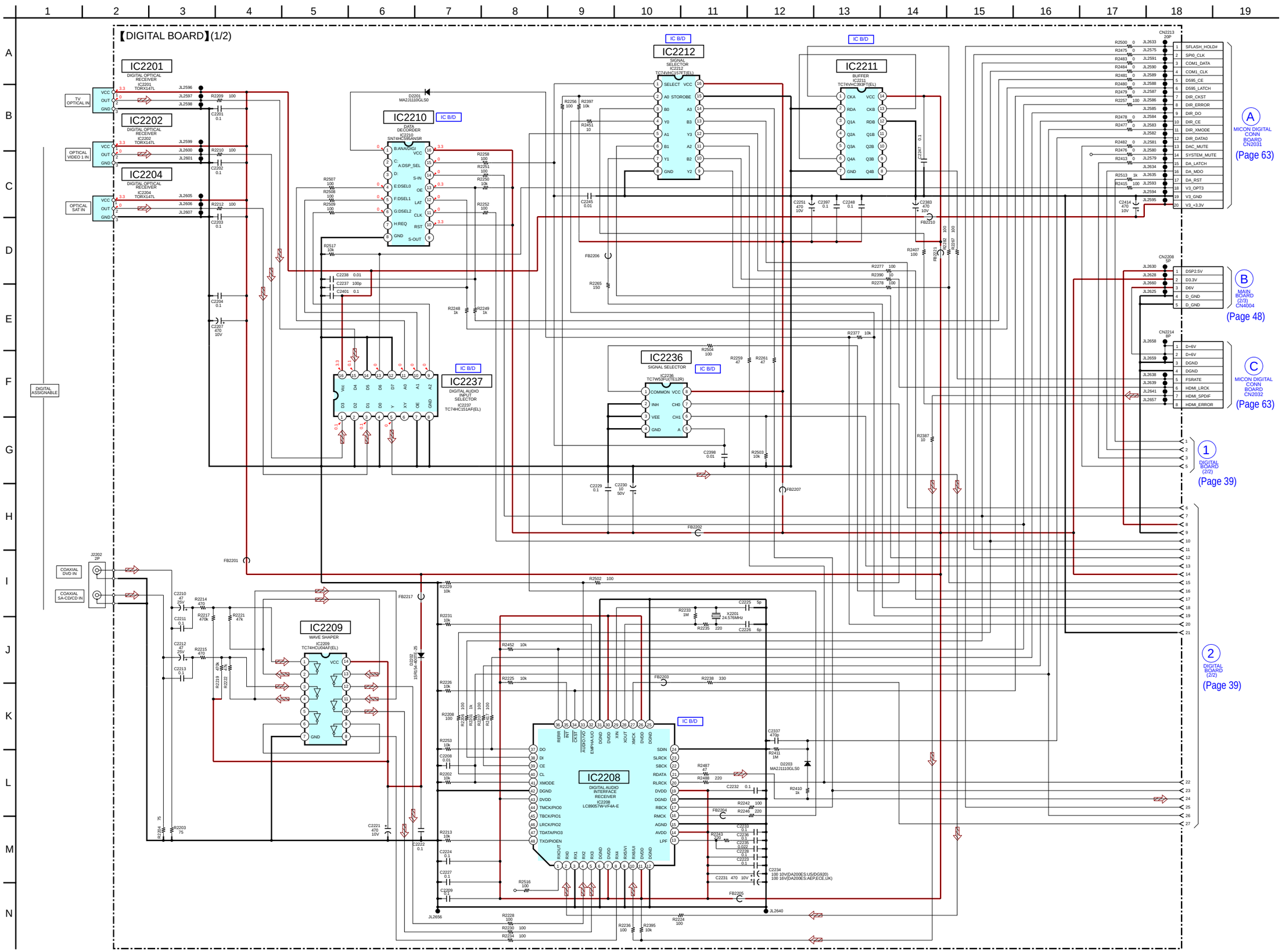
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.



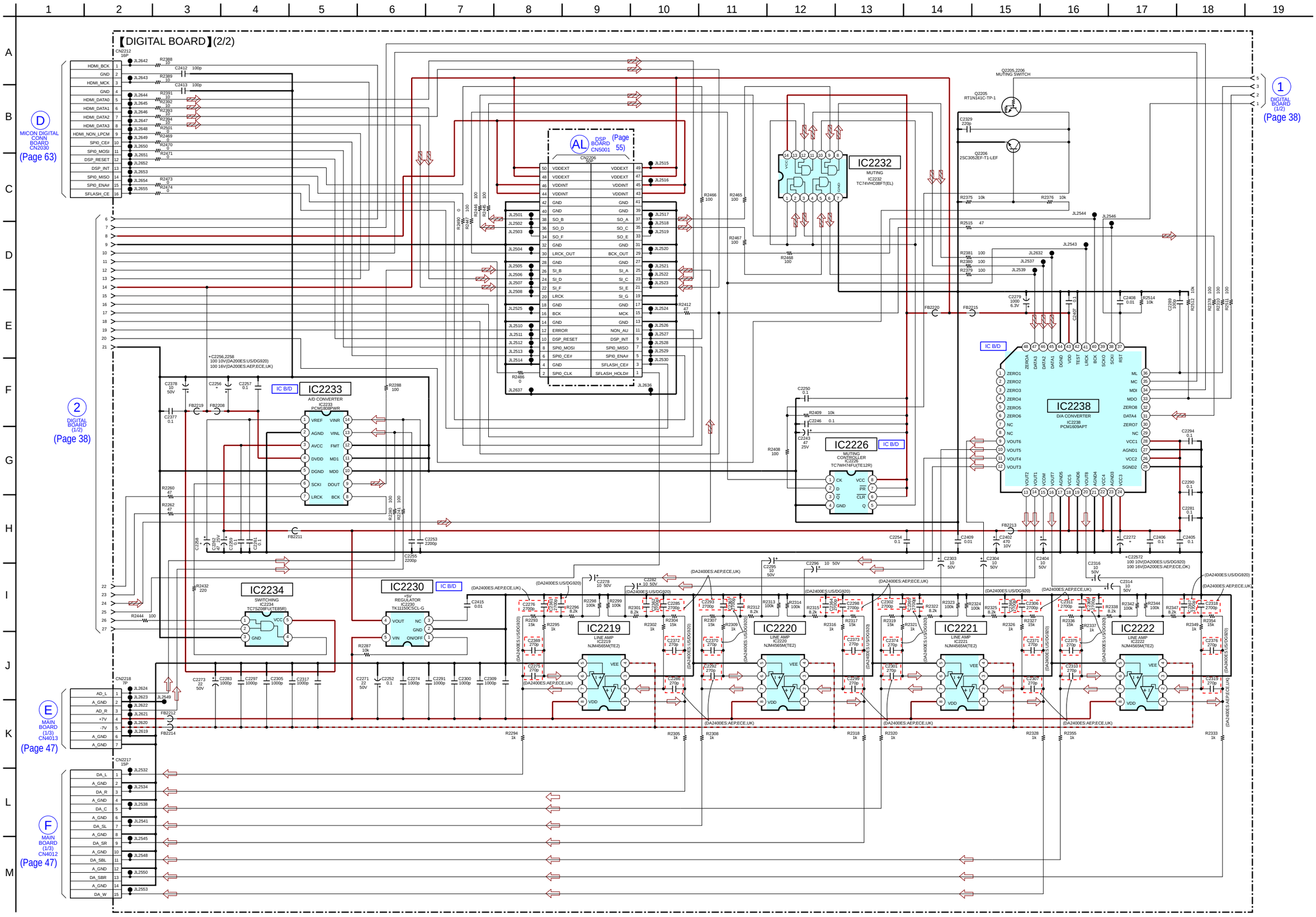
- **Semiconductor Location**

Ref. No.	Location
IC2201	A-6
IC2202	B-6
IC2204	C-6
IC2210	A-6
IC2237	C-6

6-11. SCHEMATIC DIAGRAM - DIGITAL Board (1/2) - • See Page 76 for IC Block Diagrams.



6-12. SCHEMATIC DIAGRAM - DIGITAL Board (2/2) - • See Page 76 for IC Block Diagrams.

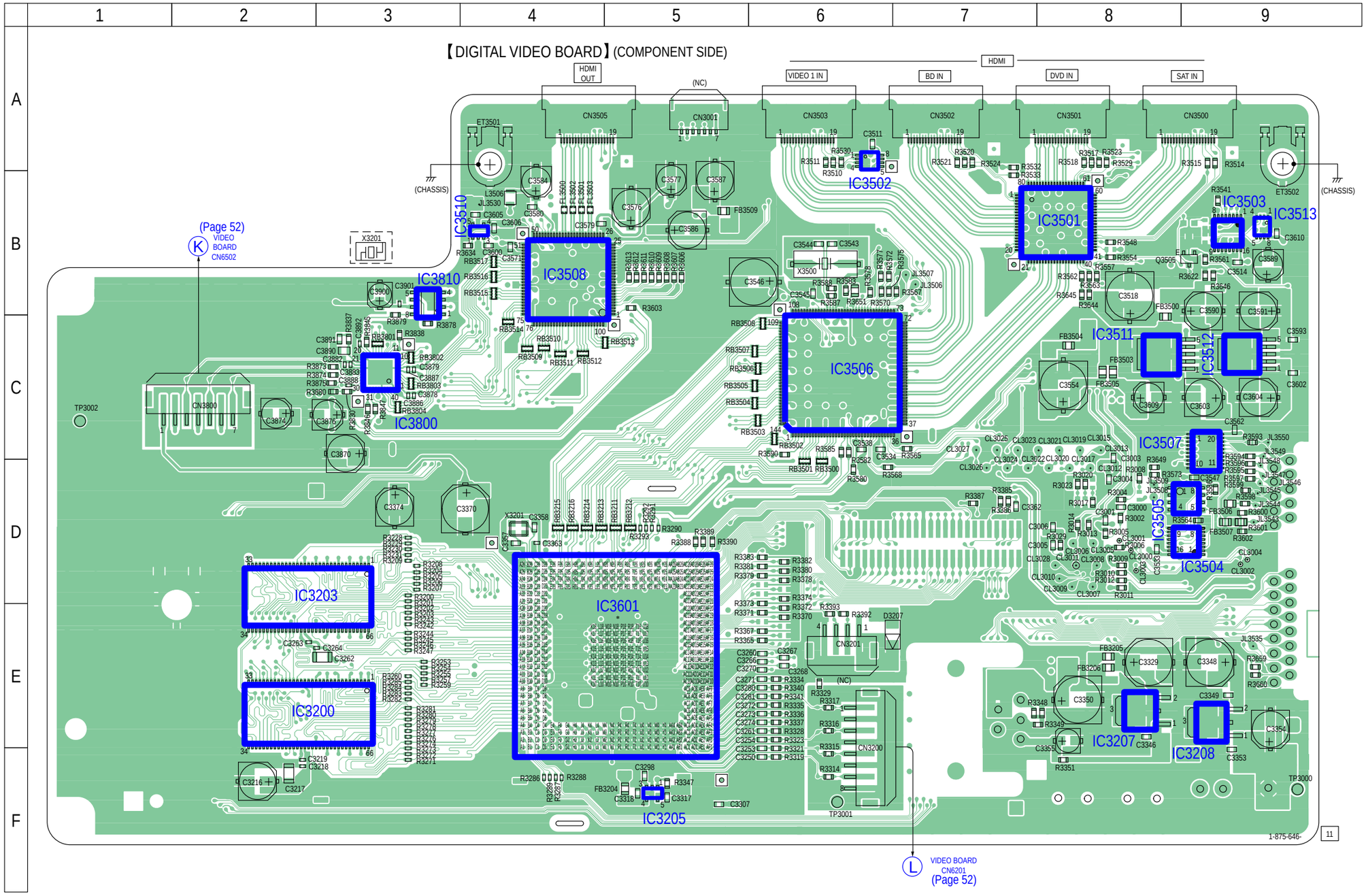


6-13. PRINTED WIRING BOARD - DIGITAL VIDEO Board (Component Side) -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

• **Semiconductor Location**

Ref. No.	Location
D3207	E-7
IC3200	E-2
IC3203	D-2
IC3205	F-5
IC3207	E-8
IC3208	E-9
IC3501	B-8
IC3502	A-6
IC3503	B-9
IC3504	D-9
IC3505	D-9
IC3506	C-6
IC3507	C-9
IC3508	B-4
IC3510	B-4
IC3511	C-8
IC3512	C-9
IC3513	B-9
IC3601	E-5
IC3800	C-3
IC3810	B-3
Q3505	B-9

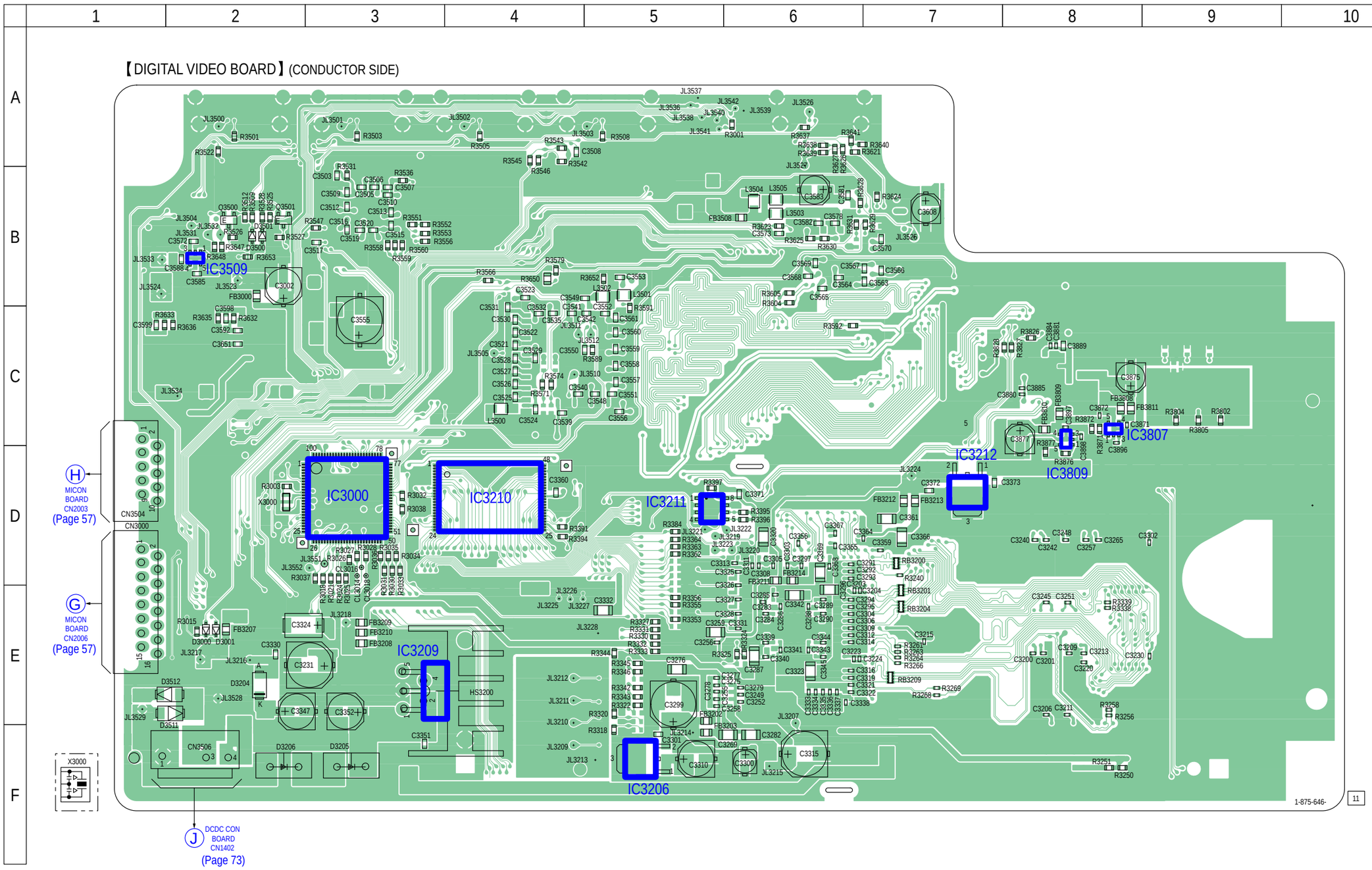


Note: IC3506 and IC3508 cannot exchange with single. When IC3506 and IC3508 are damaged, exchange the entire mounted board.

6-14. PRINTED WIRING BOARD - DIGITAL VIDEO Board (Conductor Side) -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

【DIGITAL VIDEO BOARD】(CONDUCTOR SIDE)

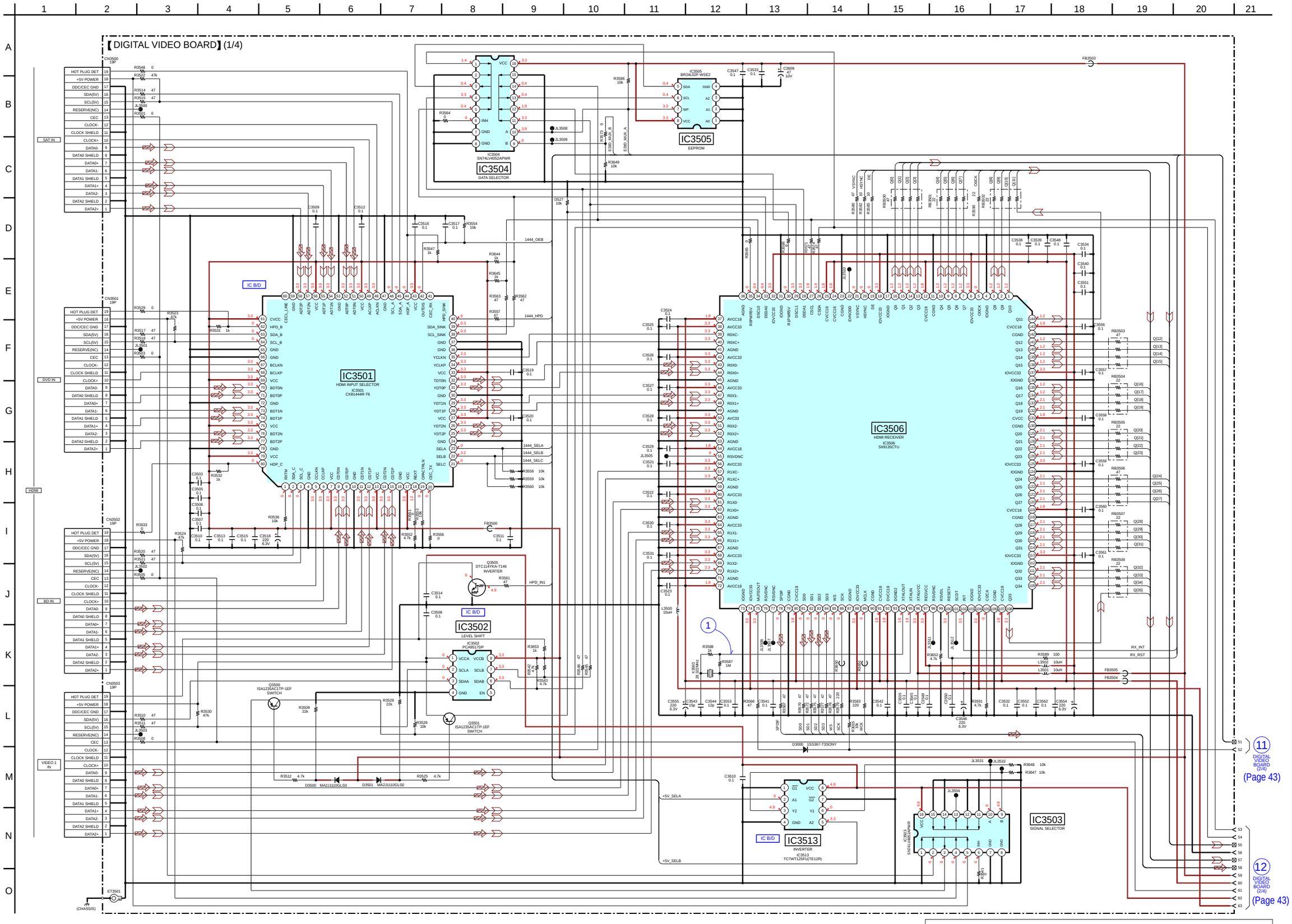


- **Semiconductor Location**

Ref. No.	Location
D3000	E-2
D3001	E-2
D3204	E-2
D3205	F-3
D3206	F-2
D3500	B-2
D3501	B-2
D3511	E-2
D3512	E-2
IC3000	D-3
IC3206	F-5
IC3209	E-3
IC3210	D-4
IC3211	D-5
IC3212	D-7
IC3509	B-2
IC3807	C-8
IC3809	C-8
Q3500	B-2
Q3501	B-2

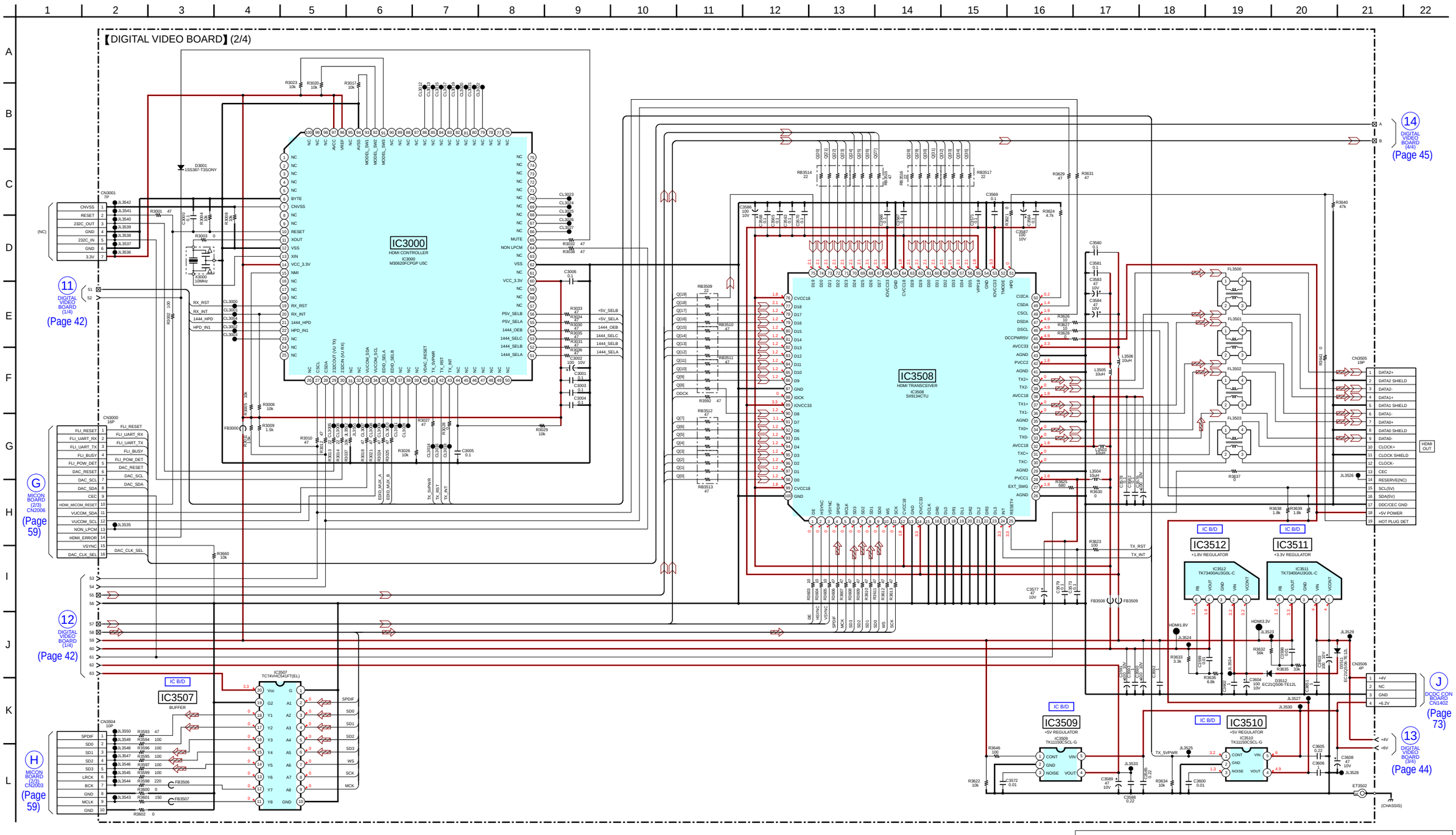
6-15. SCHEMATIC DIAGRAM - DIGITAL VIDEO Board (1/4) -

• See Page 61 for Waveforms. • See Page 76 for IC Block Diagram. • See Page 86 for IC Pin Function Description.



Note: IC3506 cannot exchange with single. When IC3506 is damaged, exchange the entire mounted board.

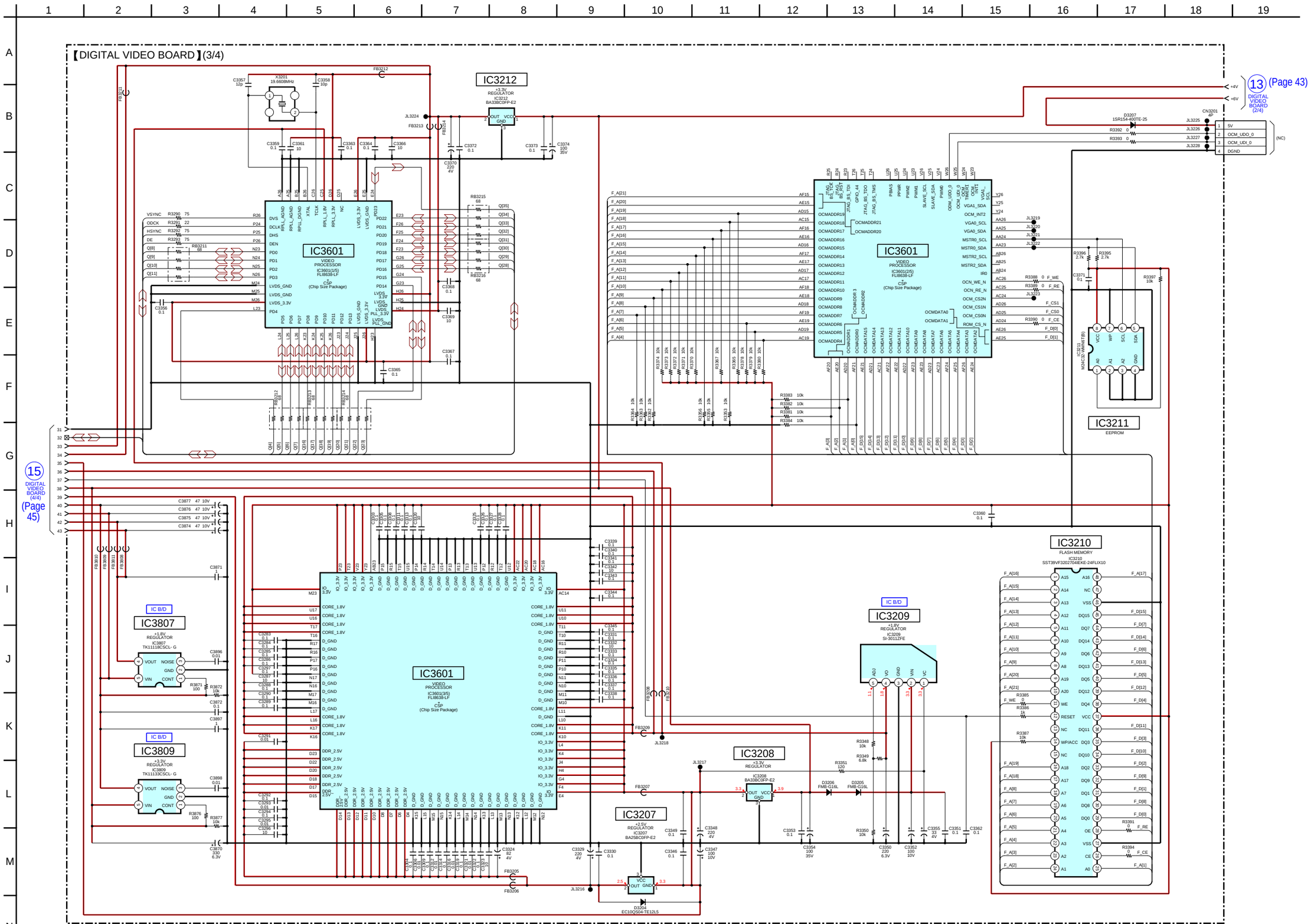
6-16. SCHEMATIC DIAGRAM - DIGITAL VIDEO Board (2/4) - • See Page 76 for IC Block Diagrams. • See Page 86 for IC Pin Function Description.



Note: IC3508 cannot exchange with single. When IC3508 is damaged, exchange the entire mounted board.

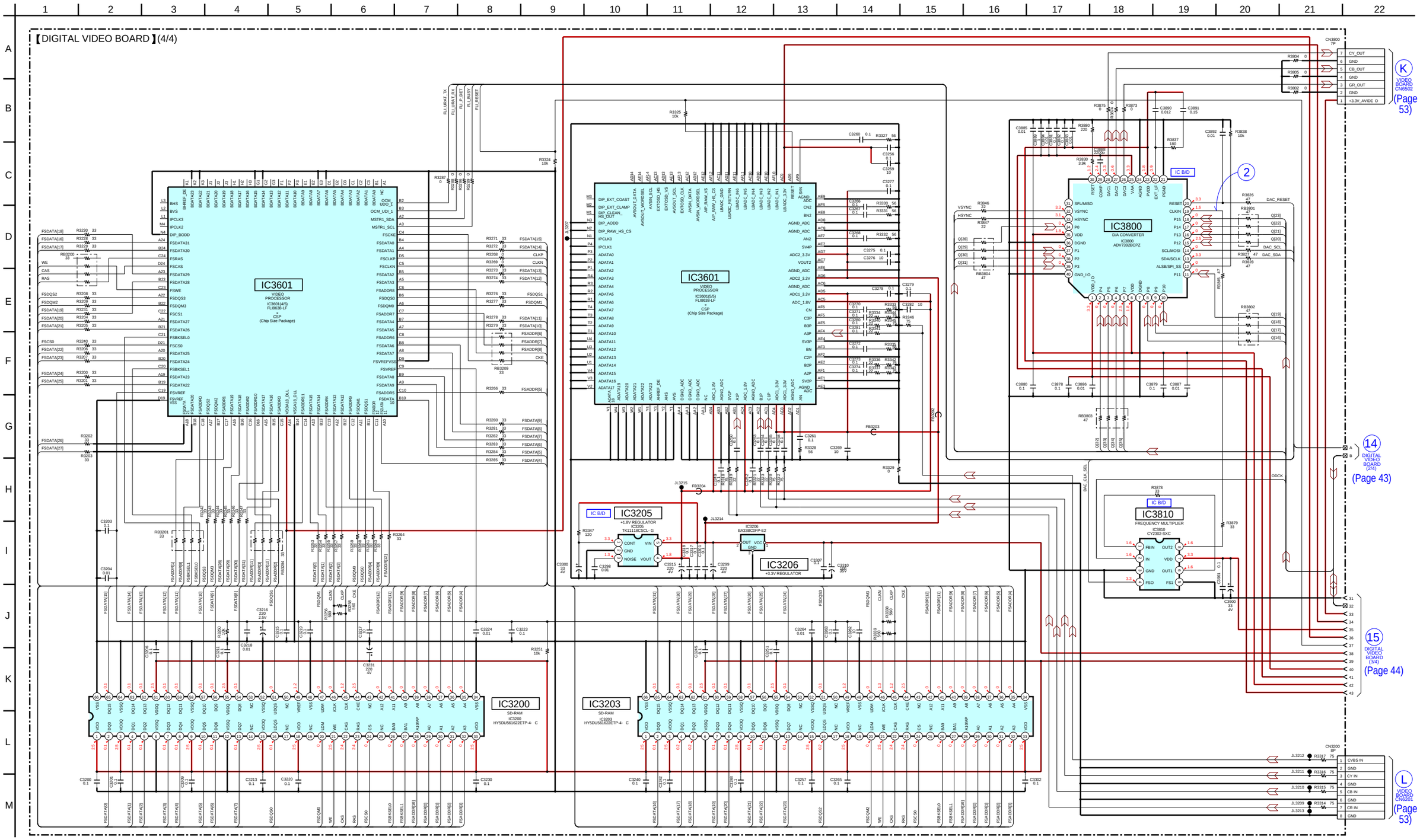
6-17. SCHEMATIC DIAGRAM - DIGITAL VIDEO Board (3/4) -

• See Page 76 for IC Block Diagrams. • See Page 86 for IC Pin Function Description.



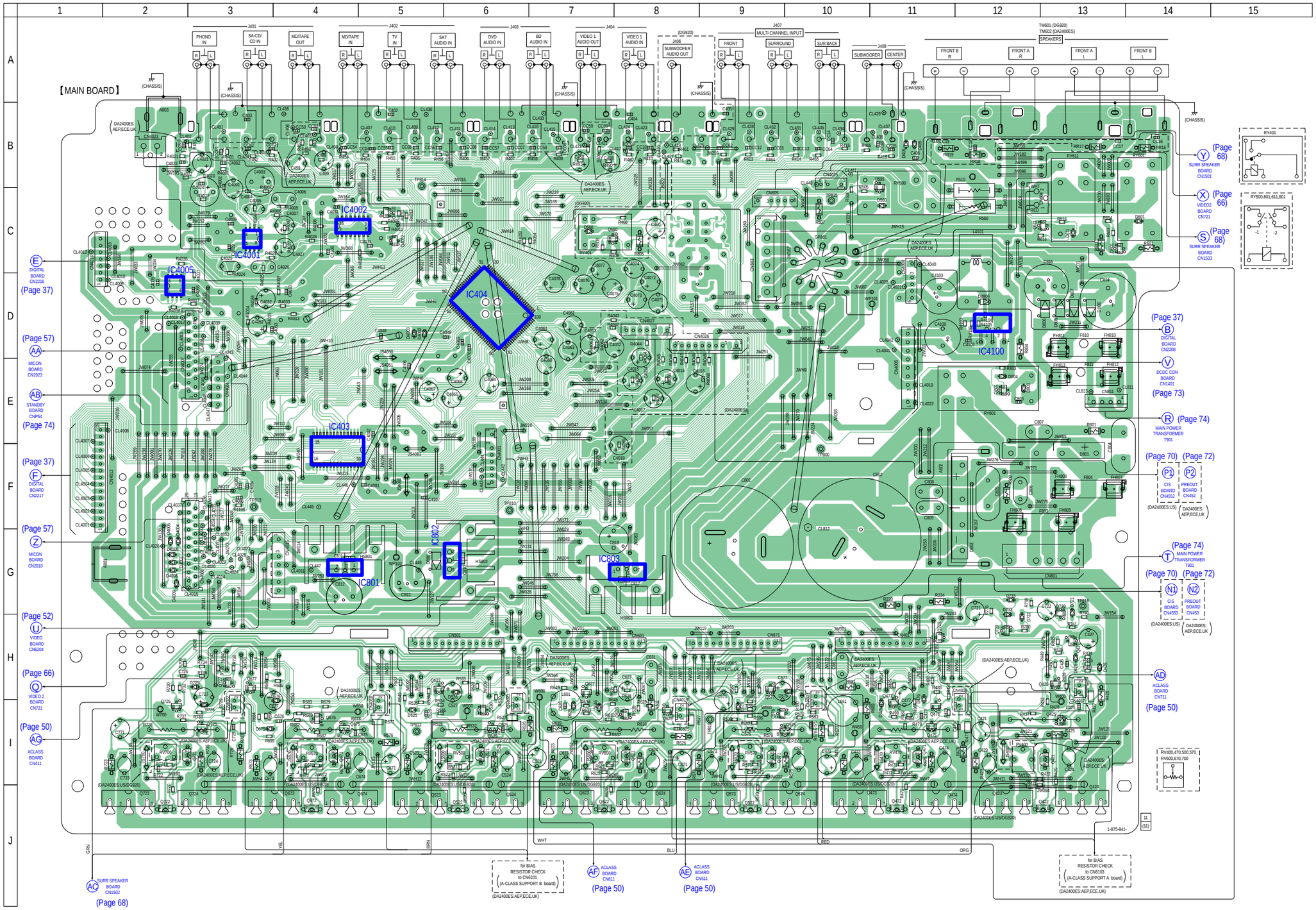
6-18. SCHEMATIC DIAGRAM - DIGITAL VIDEO Board (4/4) -

• See Page 61 for Waveforms. • See Page 76 for IC Block Diagrams. • See Page 86 for IC Pin Function Description.



6-19. PRINTED WIRING BOARD - MAIN Board -

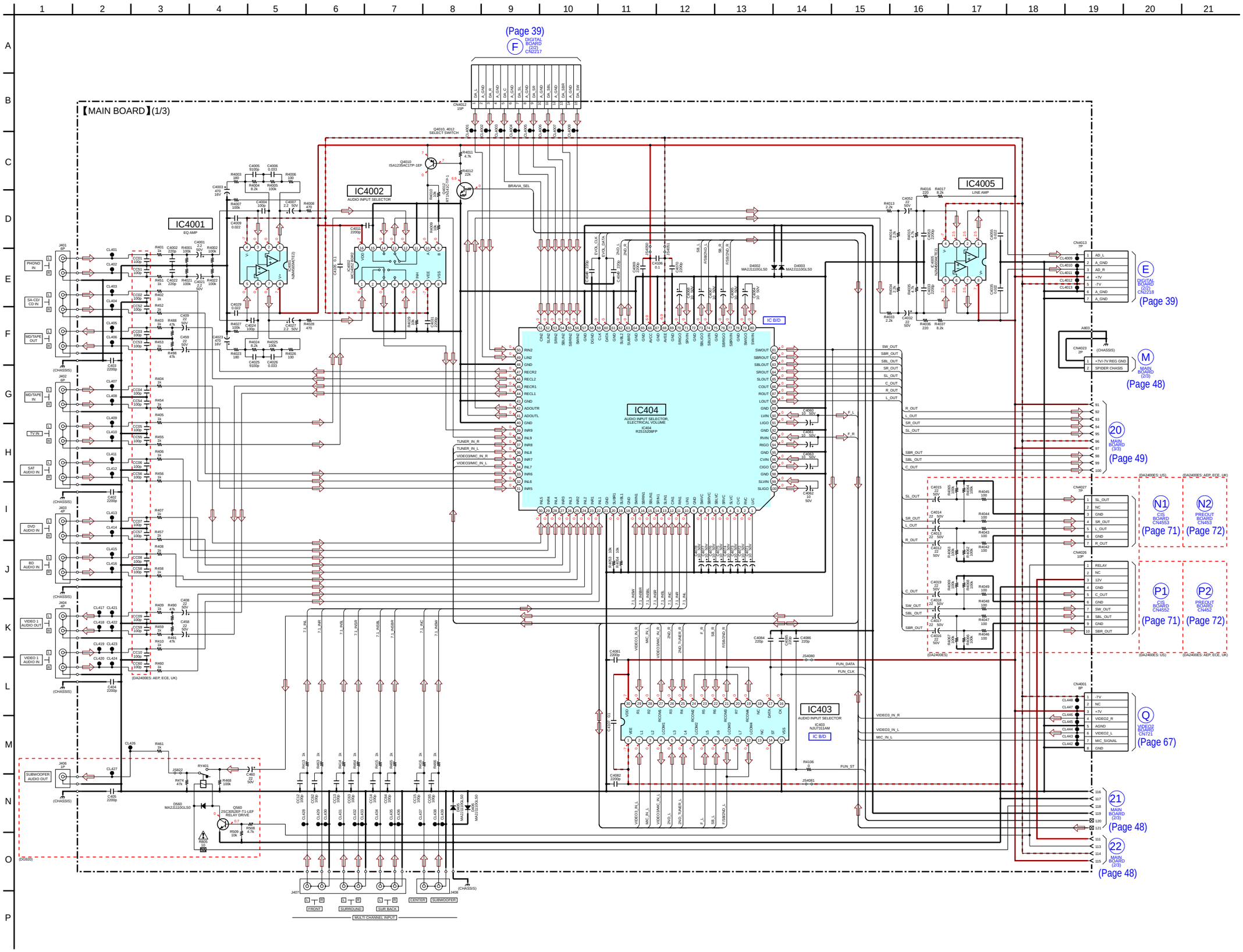
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.



• **Semiconductor Location**

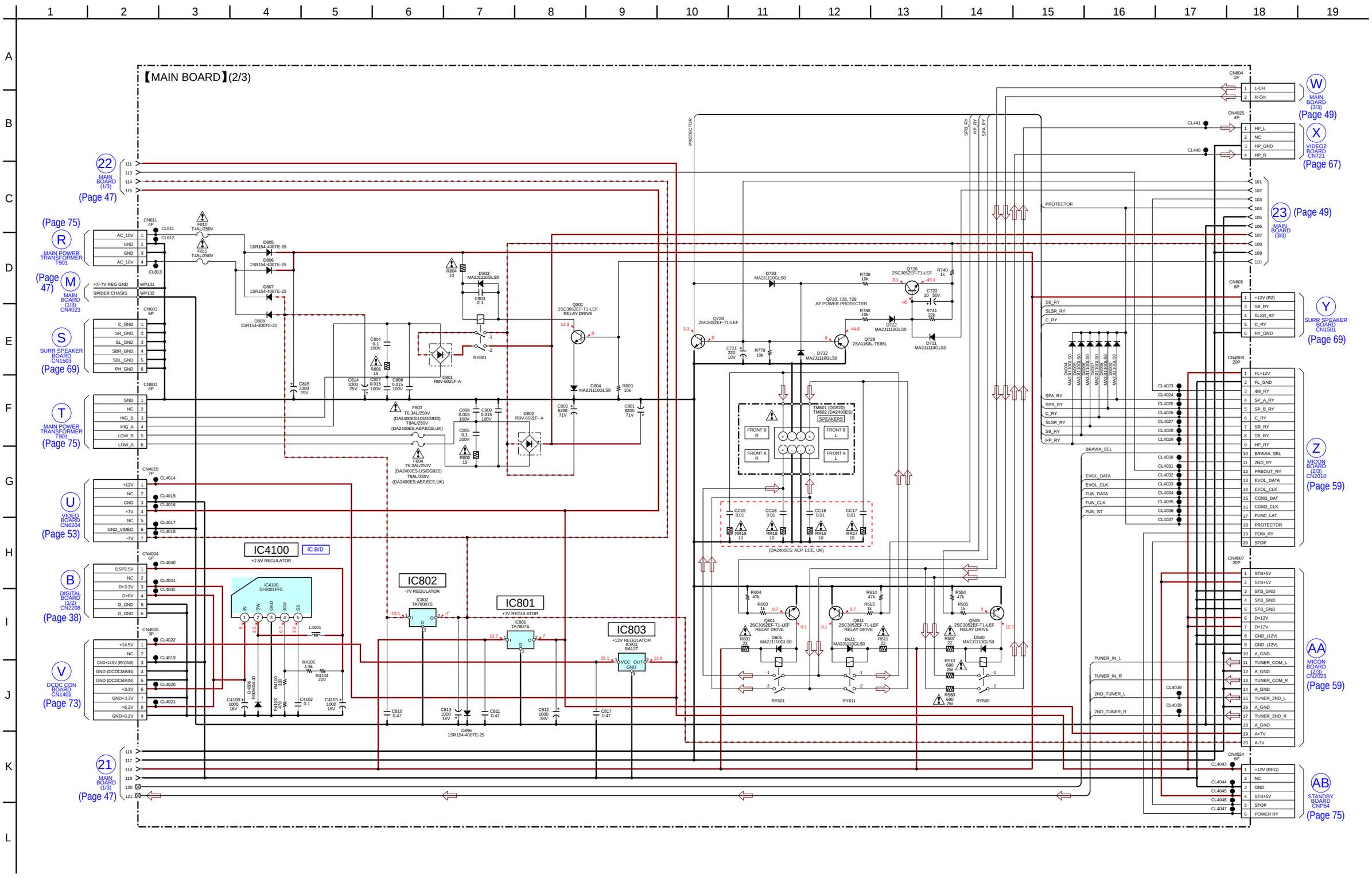
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D405	B-11	D575	I-9	D725	H-3	D807	D-13	D4009	G-2	IC4005	D-2	Q471	I-11	Q523	J-5	Q575	I-10	Q626	I-8	Q721	I-3	Q4010	C-5
D406	B-11	D576	H-10	D726	I-3	D808	D-13	D4806	D-12	IC4100	D-12	Q472	J-11	Q524	J-6	Q576	I-9	Q627	H-7	Q722	J-2	Q4012	C-5
D425	H-13	D601	C-14	D732	G-12	D896	G-5					Q473	J-10	Q525	I-6	Q577	H-9	Q671	I-4	Q723	J-2		
D426	H-13	D611	C-13	D733	G-12	D4002	D-5	IC403	F-4	Q421	I-13	Q474	J-11	Q527	H-5	Q601	C-13	Q672	J-4	Q724	J-3		
D475	I-11	D625	I-7	D801	F-13	D4003	D-5	IC404	D-6	Q422	J-13	Q475	I-11	Q530	I-6	Q611	C-13	Q673	J-4	Q725	I-3		
D476	H-11	D646	I-7	D802	F-12	D4004	G-2	IC801	G-4	Q423	J-12	Q476	I-11	Q560	C-7	Q621	I-8	Q674	J-4	Q726	I-2		
D500	C-11	D675	I-3	D803	E-12	D4005	G-2	IC802	G-6	Q424	J-13	Q477	I-11	Q571	I-9	Q622	J-7	Q675	I-4	Q727	H-3		
D525	I-5	D676	I-4	D804	E-12	D4006	G-2	IC803	G-8	Q425	I-13	Q505	B-11	Q572	J-9	Q623	J-7	Q676	I-4	Q728	H-11		
D526	H-6	D721	G-13	D805	D-13	D4007	G-2	IC4001	C-3	Q426	H-13	Q521	I-6	Q573	J-9	Q624	J-8	Q677	H-3	Q729	H-12		
D560	C-7	D722	H-12	D806	D-13	D4008	G-2	IC4002	C-4	Q427	H-13	Q522	J-6	Q574	J-10	Q625	I-8	Q720	G-13	Q801	E-12		

6-20. SCHEMATIC DIAGRAM - MAIN Board (1/3) - • See Page 76 for IC Block Diagrams.

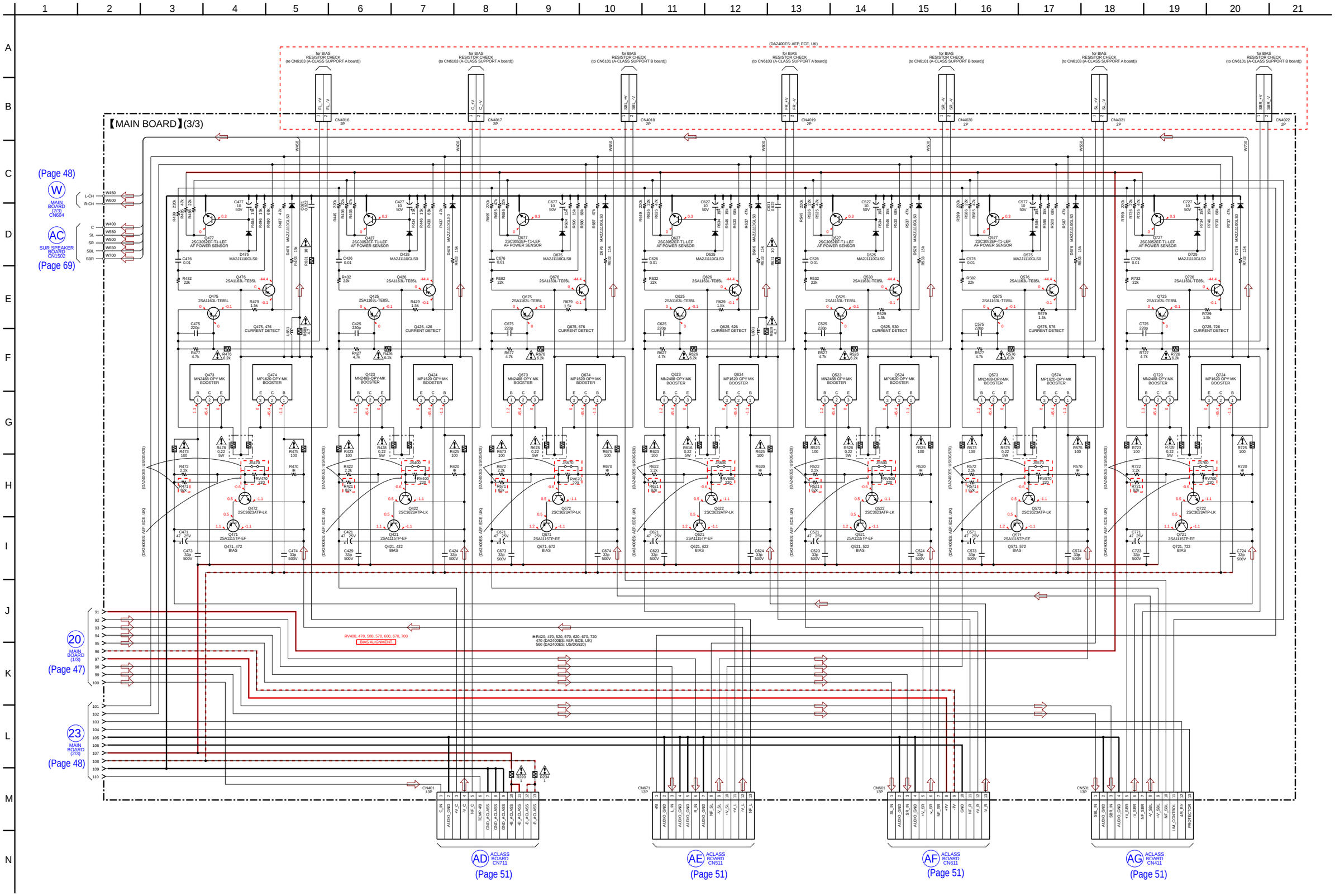


6-21. SCHEMATIC DIAGRAM - MAIN Board (2/3) -

• See Page 76 for IC Block Diagrams.



6-22. SCHEMATIC DIAGRAM - MAIN Board (3/3) -

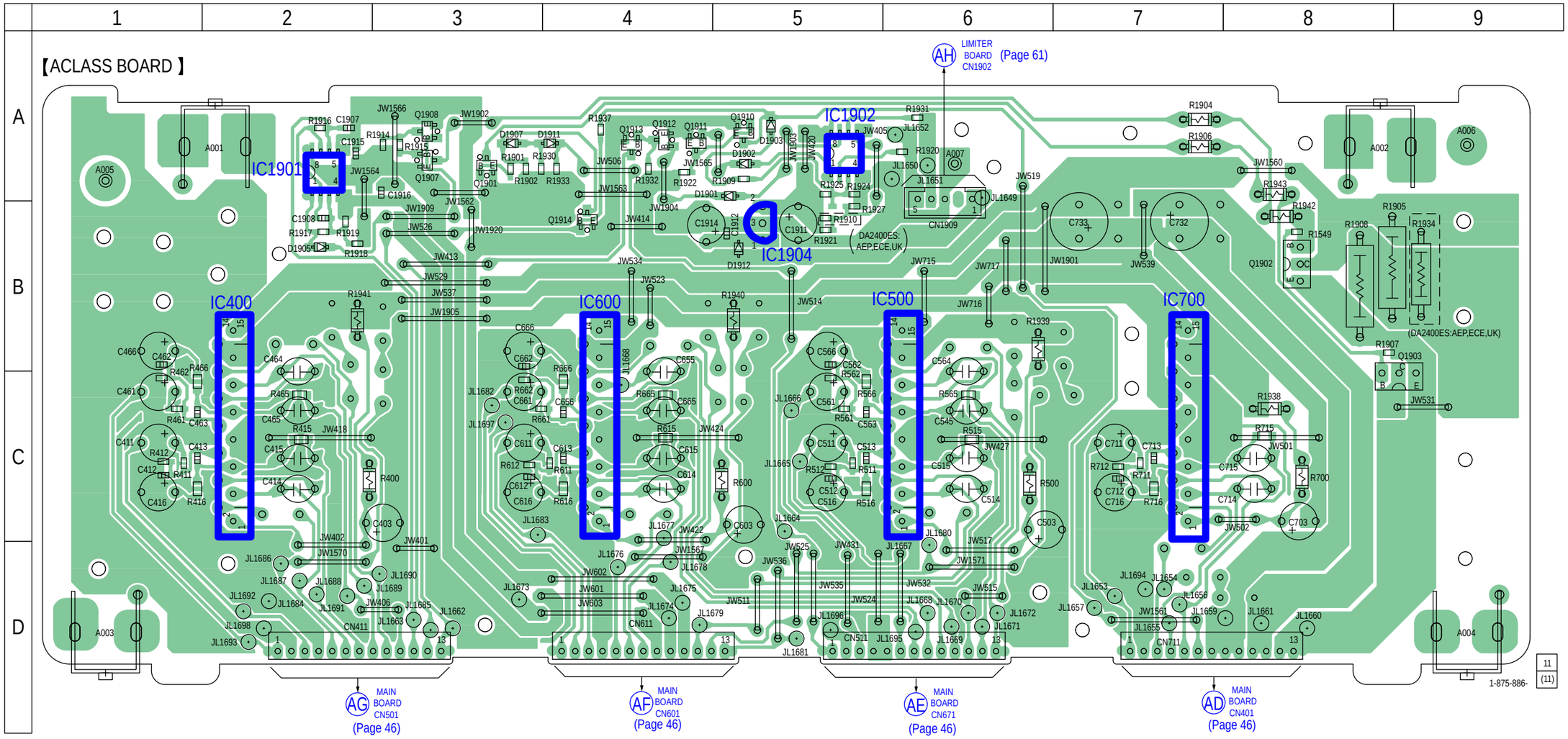


6-23. PRINTED WIRING BOARD - ACLASS Board -

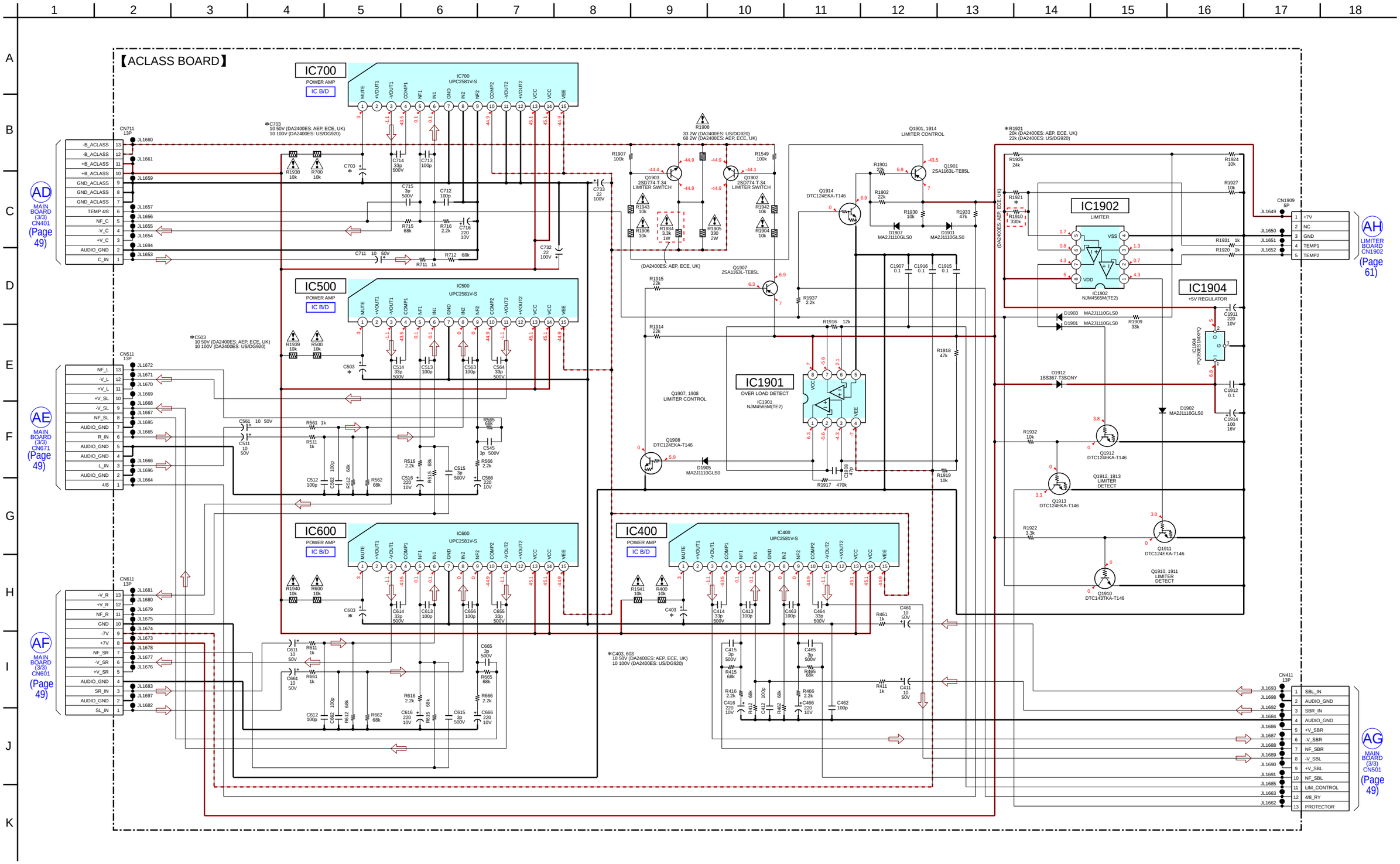
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

- **Semiconductor Location**

Ref. No.	Location
D1901	A-5
D1902	A-5
D1903	A-5
D1905	B-2
D1907	A-3
D1911	A-4
D1912	B-5
IC400	C-2
IC500	C-6
IC600	C-4
IC700	C-7
IC1901	A-2
IC1902	A-5
IC1904	B-5
Q1901	A-3
Q1902	B-8
Q1903	C-9
Q1907	A-3
Q1908	A-3
Q1910	A-5
Q1911	A-4
Q1912	A-4
Q1913	A-4
Q1914	B-4



6-24. SCHEMATIC DIAGRAM - ACLASS Board - • See Page 76 for IC Block Diagrams.

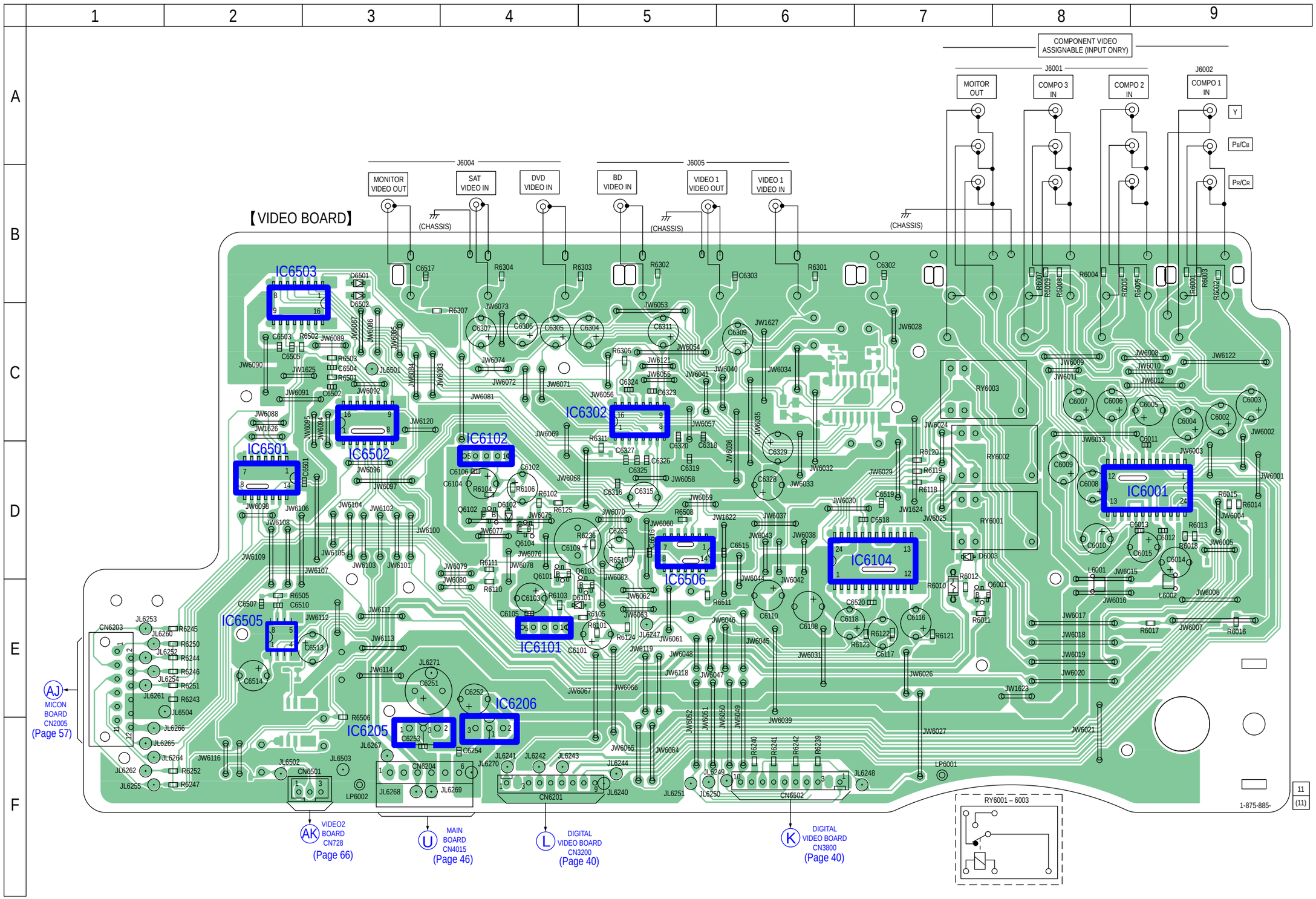


6-25. PRINTED WIRING BOARD - VIDEO Board -

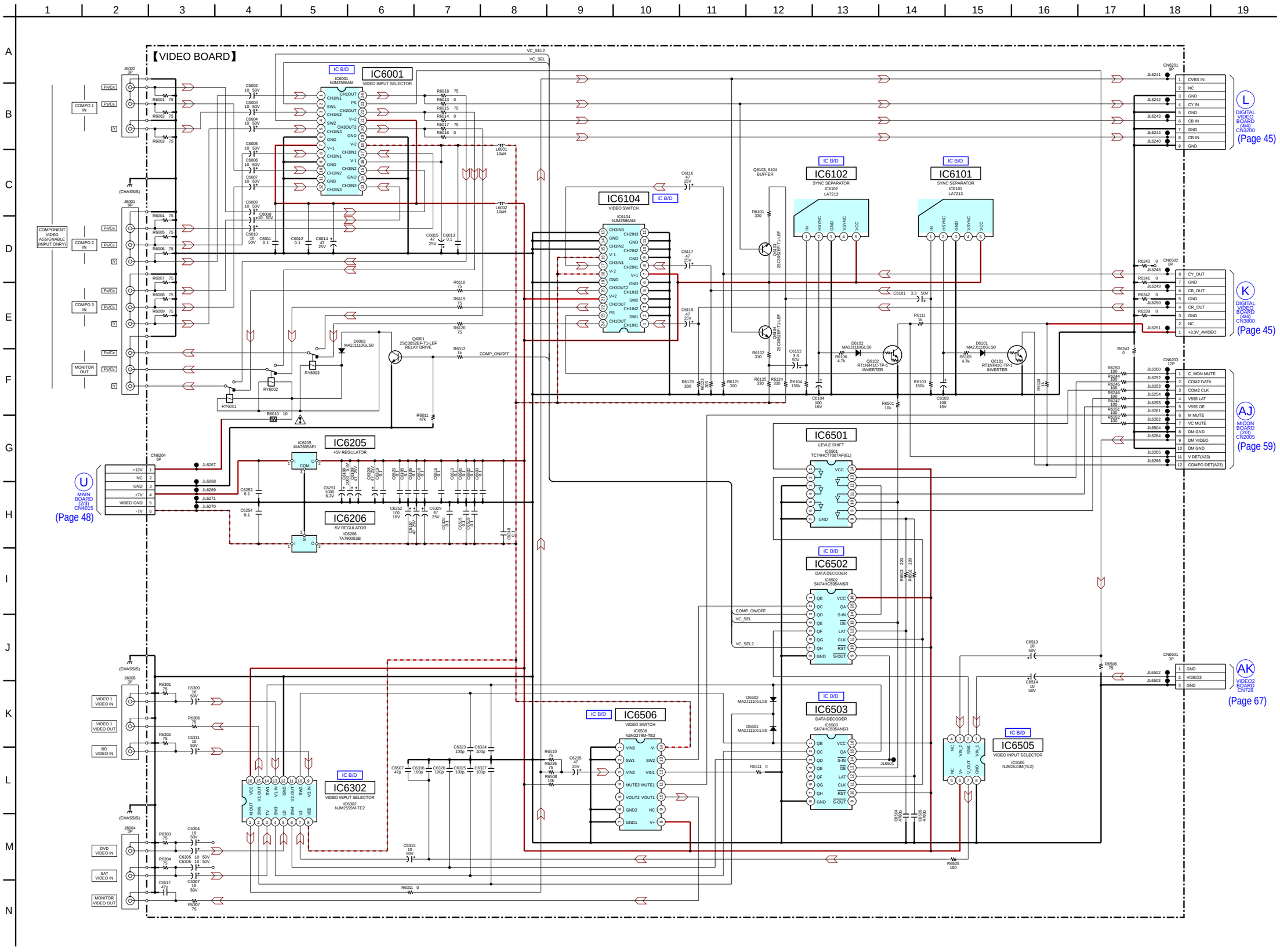
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

- **Semiconductor Location**

Ref. No.	Location
D6003	D-7
D6101	E-5
D6102	D-4
D6501	B-3
D6502	B-3
IC6001	D-9
IC6101	E-4
IC6102	D-4
IC6104	D-7
IC6205	F-3
IC6206	F-4
IC6302	C-5
IC6501	D-2
IC6502	C-3
IC6503	B-2
IC6505	E-2
IC6506	D-5
Q6001	E-7
Q6101	D-4
Q6102	D-4
Q6103	E-5
Q6104	D-4



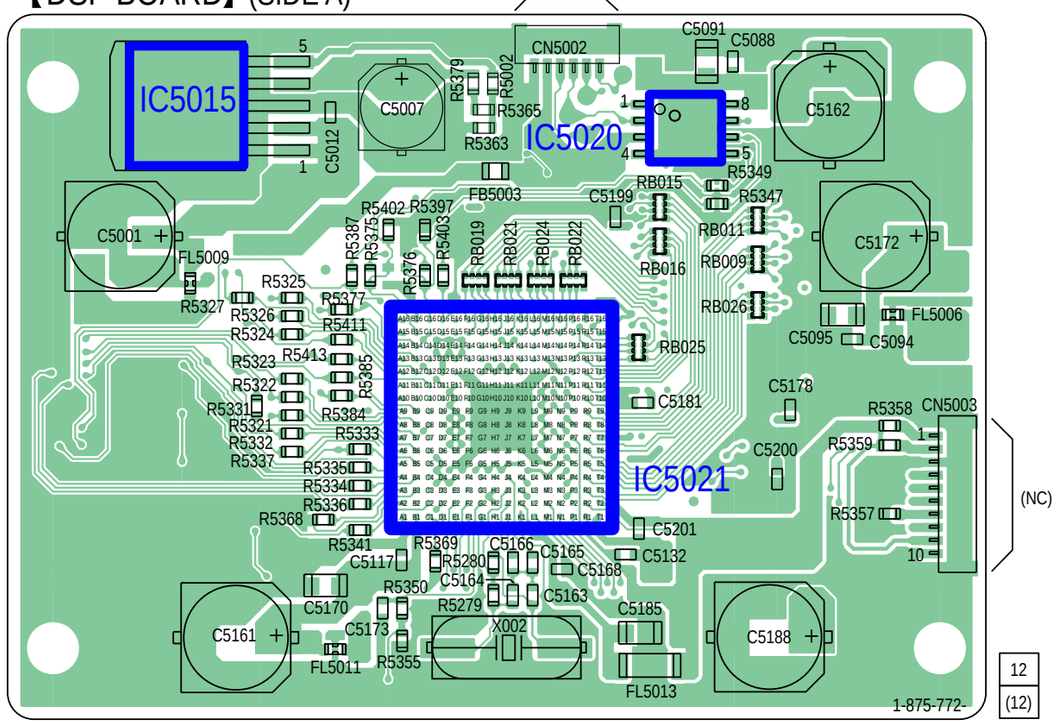
6-26. SCHEMATIC DIAGRAM - VIDEO Board - • See Page 76 for IC Block Diagrams.



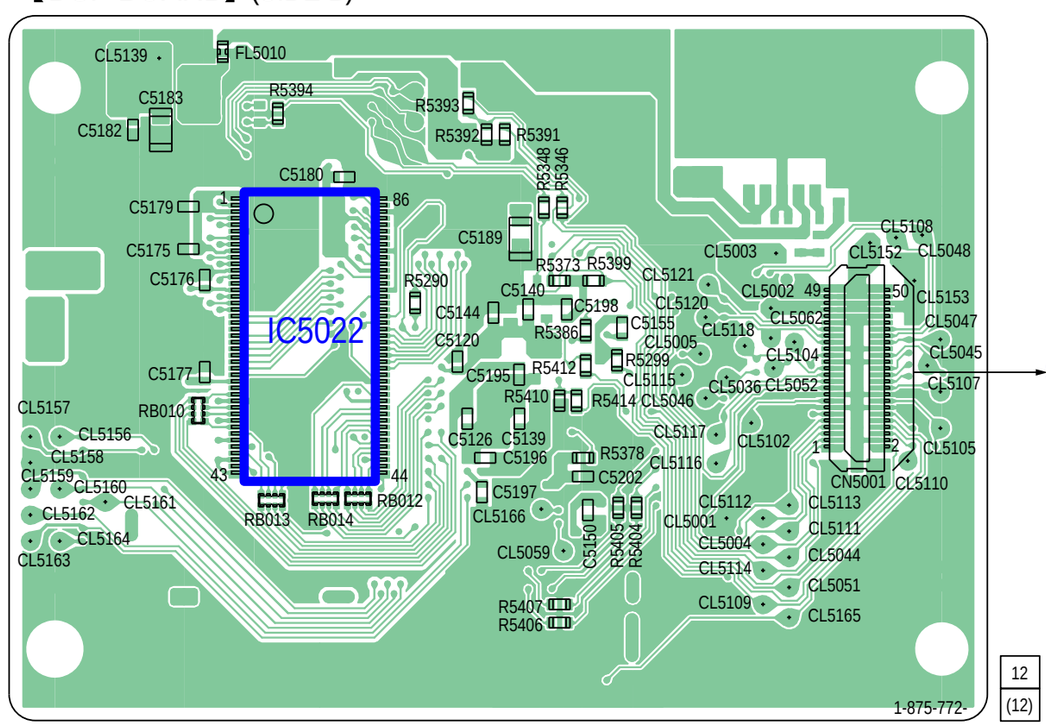
6-27. PRINTED WIRING BOARD - DSP Board -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

【DSP BOARD】(SIDE A)



【DSP BOARD】(SIDE B)

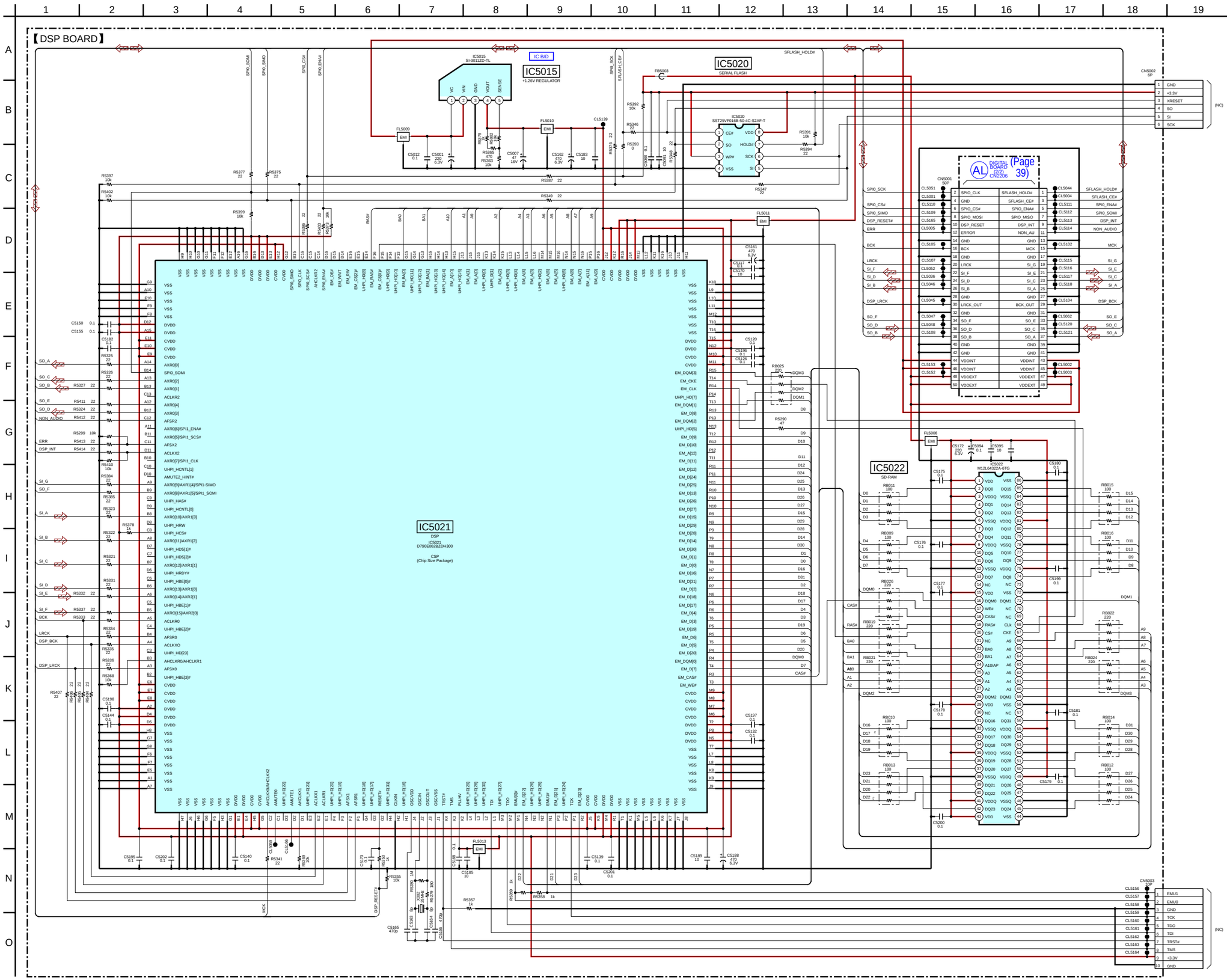


AL DIGITAL BOARD CN2206 (Page 36)

Note: IC5021 cannot exchange with single. When IC5021 is damaged, exchange the entire mounted board.

6-28. SCHEMATIC DIAGRAM - DSP Board -

• See Page 76 for IC Block Diagrams. • See Page 86 for IC Pin Function Description.



Note: IC5021 cannot exchange with single. When IC5021 is damaged, exchange the entire mounted board.

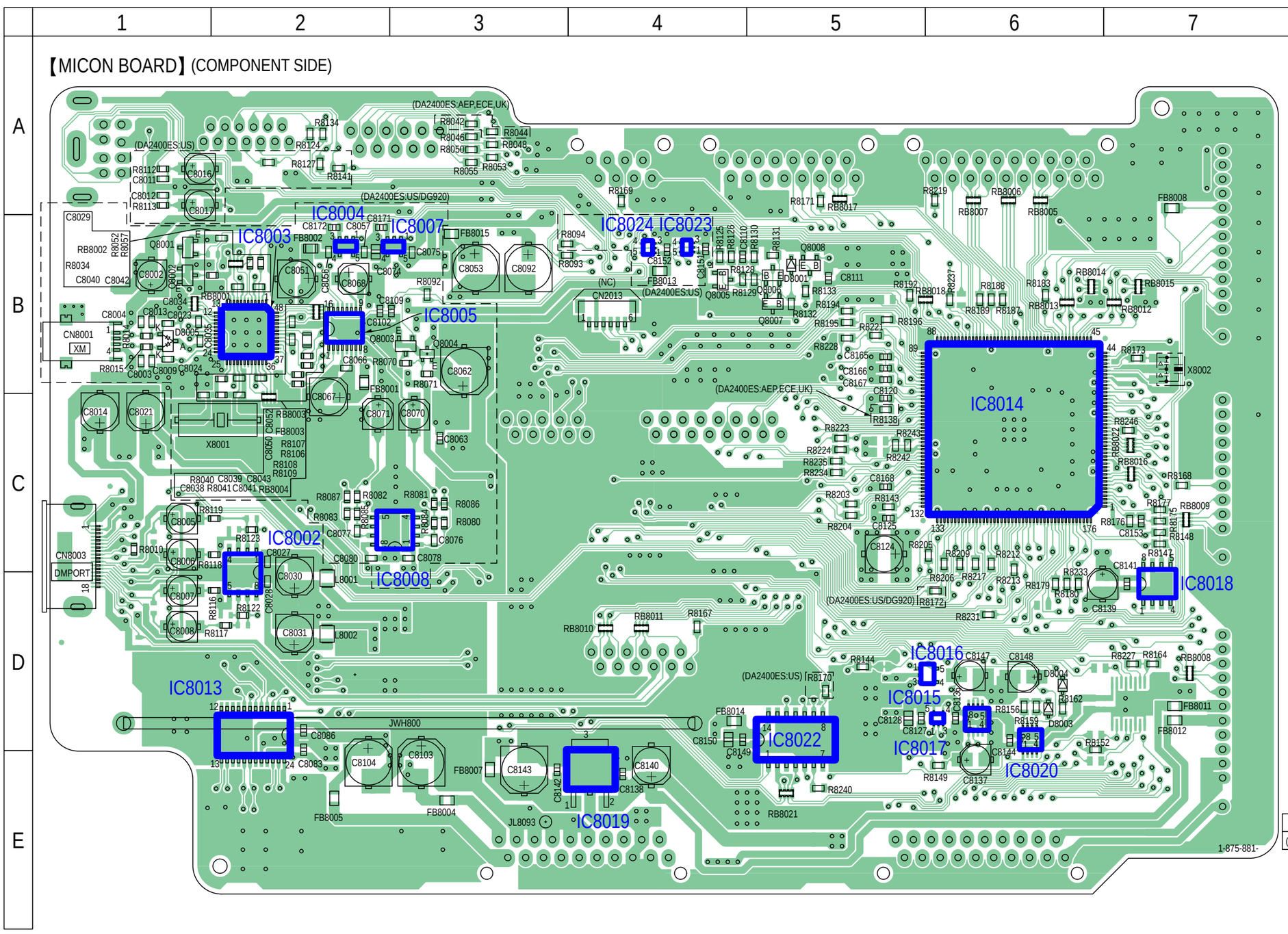
6-29. PRINTED WIRING BOARD - MICON Board (Component Side) -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

• **Semiconductor Location**

Ref. No.	Location
D8001	B-5
D8003	D-6
D8004	D-6
D8005	B-1
IC8002	C-2
IC8003	B-2
IC8004	B-2
IC8005	B-2
IC8007	B-3
IC8008	C-3
IC8013	D-2
IC8014	C-6
IC8015	D-6
IC8016	D-6
IC8017	D-6
IC8018	D-7
IC8019	E-4
IC8020	D-6
IC8022	D-5
IC8023	B-4
IC8024	B-4
Q8001	B-1
Q8002	B-1
Q8003	B-3
Q8004	B-3
Q8005	B-4
Q8006	B-5
Q8007	B-5
Q8008	B-5

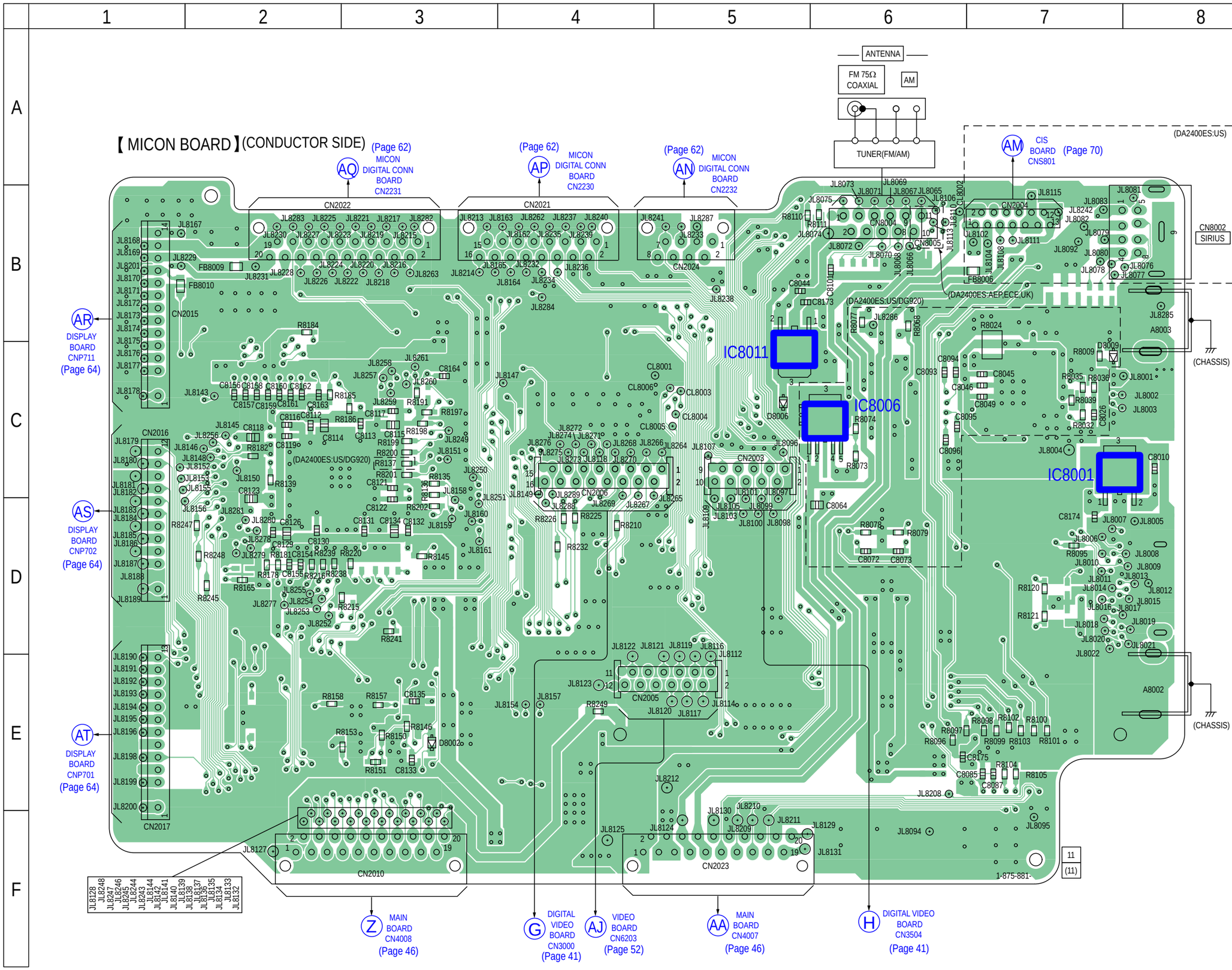
【MICON BOARD】(COMPONENT SIDE)



Note: IC8018 cannot exchange with single. When IC8018 is damaged, exchange the entire mounted board.

6-30. PRINTED WIRING BOARD - MICON Board (Conductor Side) -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

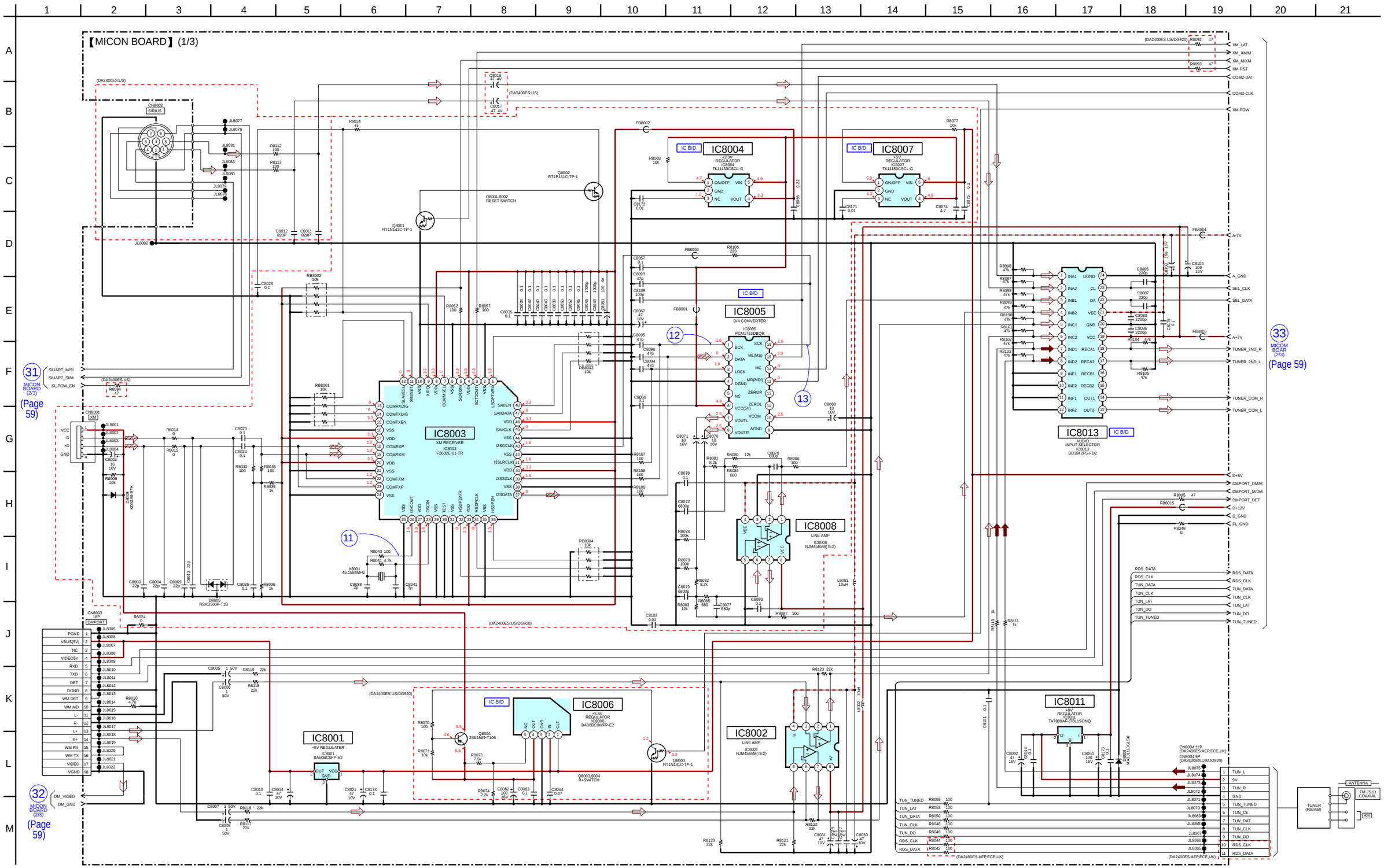


- **Semiconductor Location**

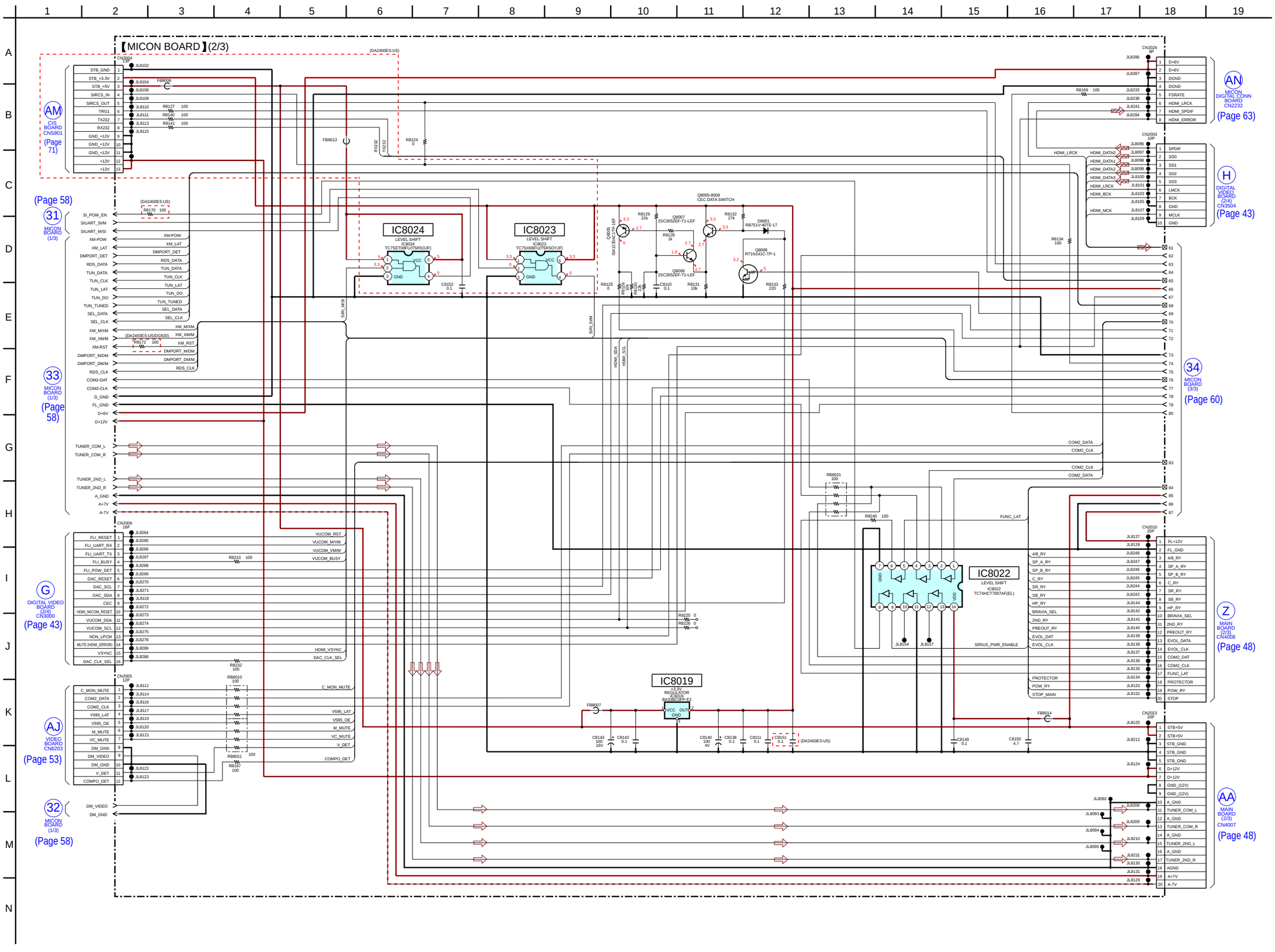
Ref. No.	Location
D8002	E-3
D8006	C-5
D8009	C-7
IC8001	C-7
IC8006	C-6
IC8011	C-5

6-31. SCHEMATIC DIAGRAM - MICON Board (1/3) -

• See Page 61 for Waveforms. • See Page 76 for IC Block Diagrams. • See Page 86 for IC Pin Function Description.

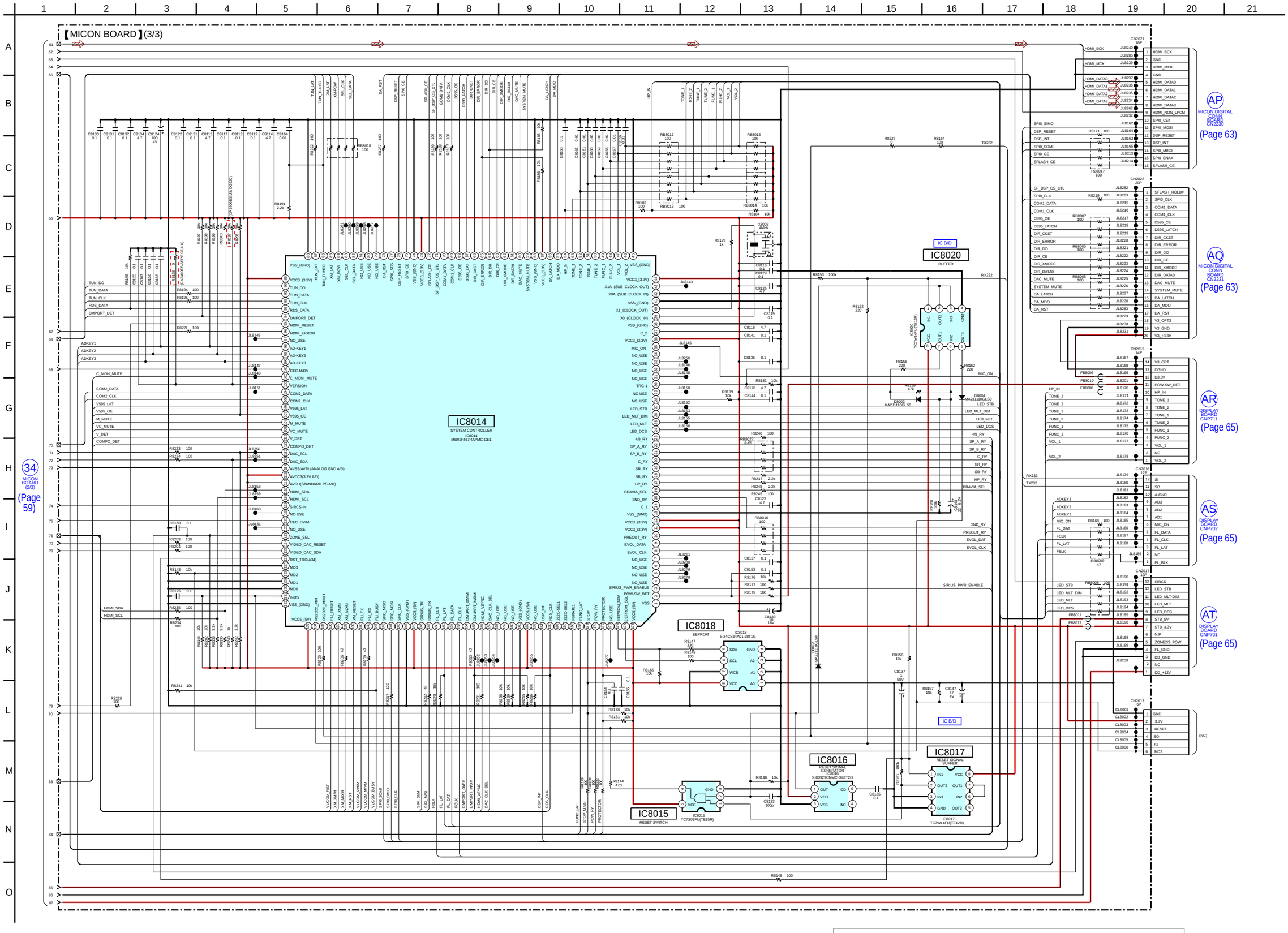


6-32. SCHEMATIC DIAGRAM - MICON Board (2/3) -



6-33. SCHEMATIC DIAGRAM - MICON Board (3/3) -

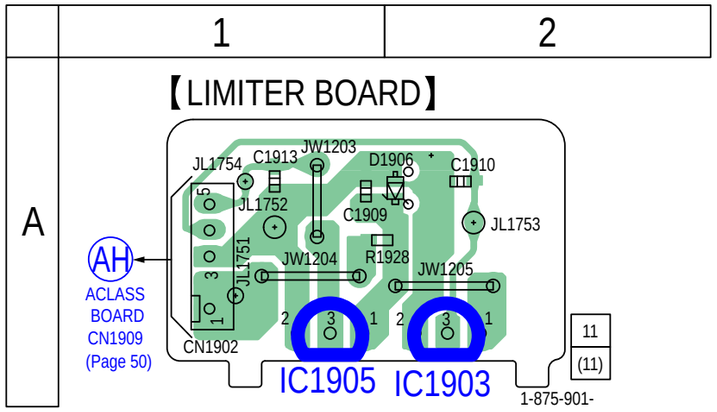
• See Page 76 for IC Block Diagrams. • See Page 86 for IC Pin Function Description.



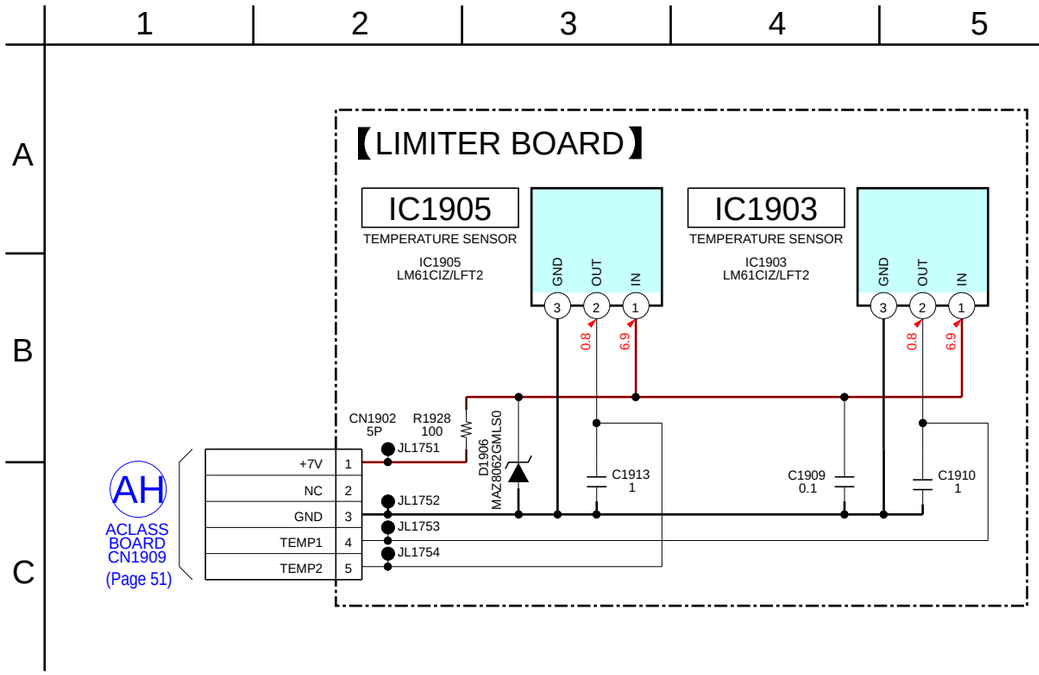
Note: IC8018 cannot exchange with single. When IC8018 is damaged, exchange the entire mounted board.

6-34. PRINTED WIRING BOARD - LIMITER Board -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.



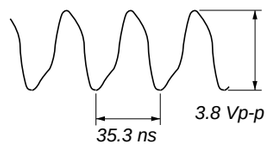
6-35. SCHEMATIC DIAGRAM - LIMITER Board -



• Waveforms

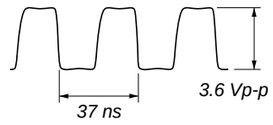
– DIGITAL VIDEO Board –

① IC3506 ㊹ (XTALOUT)



1 V/DIV, 20 ns/DIV

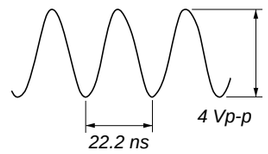
② IC3800 ⑲ (CLKIN)



1 V/DIV, 20 ns/DIV

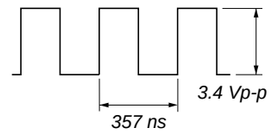
– MICON Board –

⑪ IC8003 ㉖ (OSCOUT)



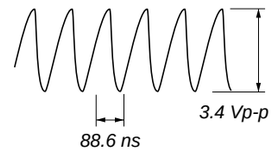
1 V/DIV, 10 ns/DIV

⑫ IC8005 ① (BCK)



1 V/DIV, 100 ns/DIV

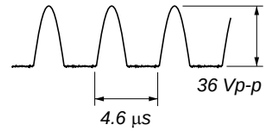
⑬ IC8005 ⑯ (SCK)



1 V/DIV, 50 ns/DIV

– DISPLAY Board –

㉑ Q706 (Collector)

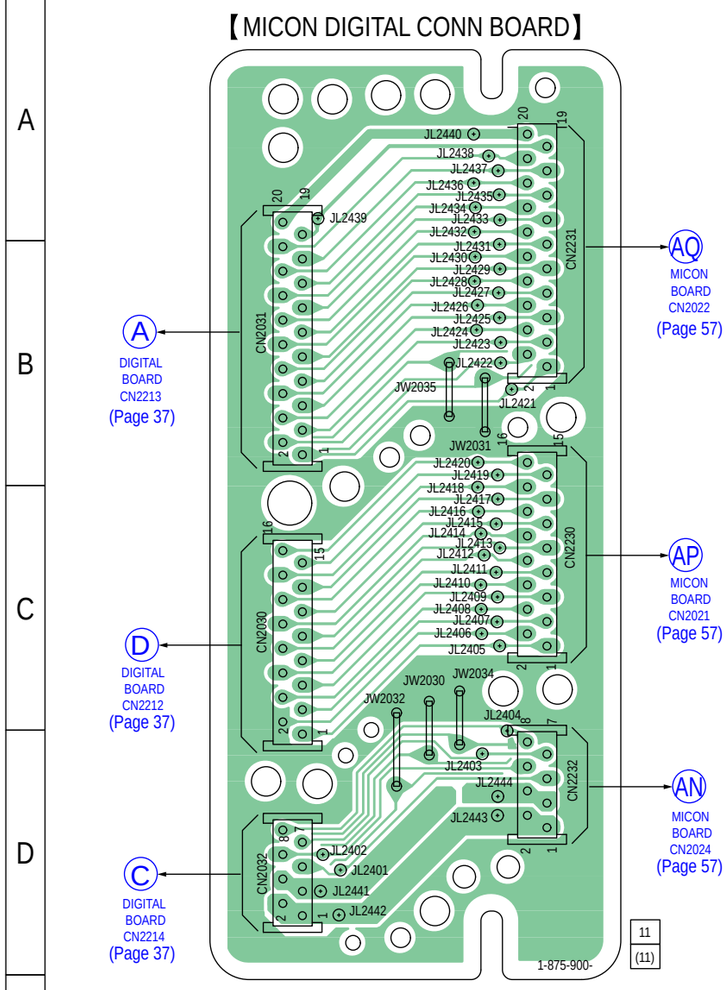


10 V/DIV, 2 µs/DIV

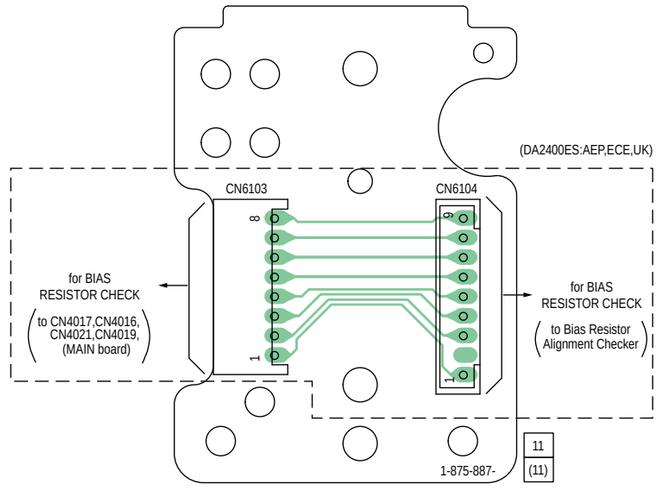
6-36. PRINTED WIRING BOARDS - CONNECTOR Section -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

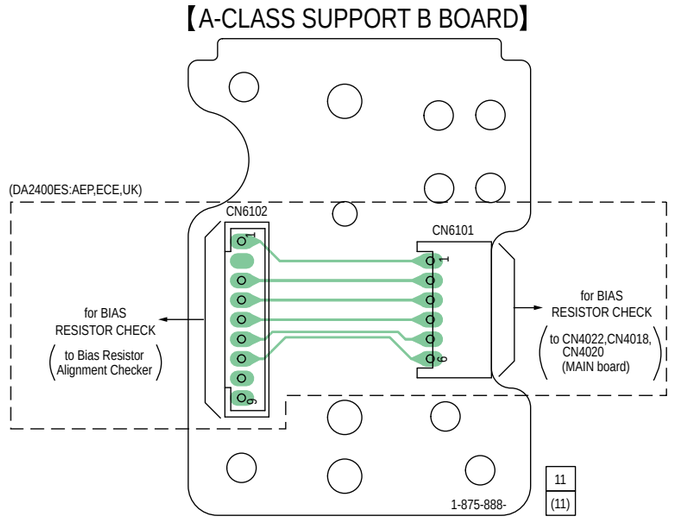
【MICON DIGITAL CONN BOARD】



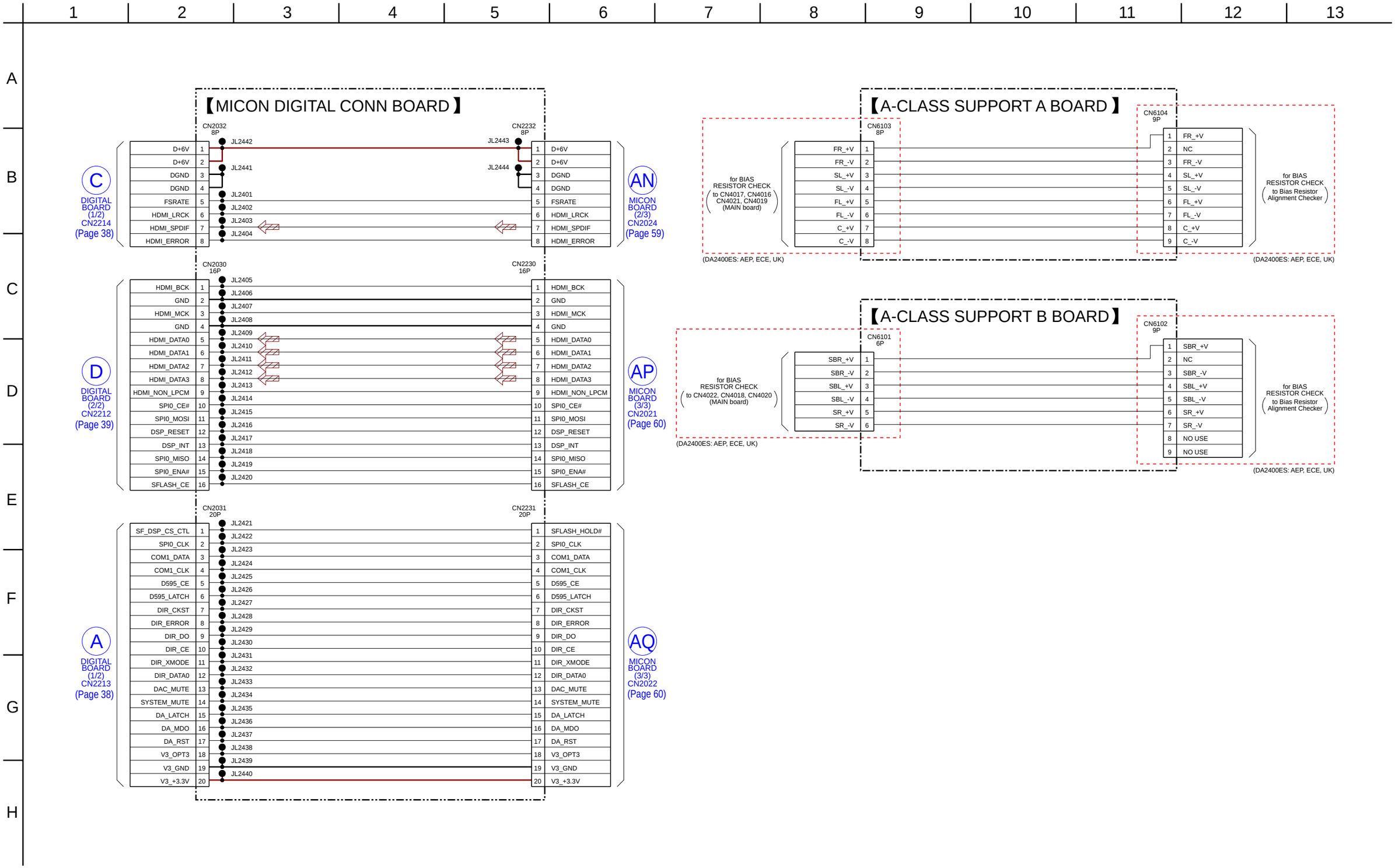
【A-CLASS SUPPORT A BOARD】



【A-CLASS SUPPORT B BOARD】

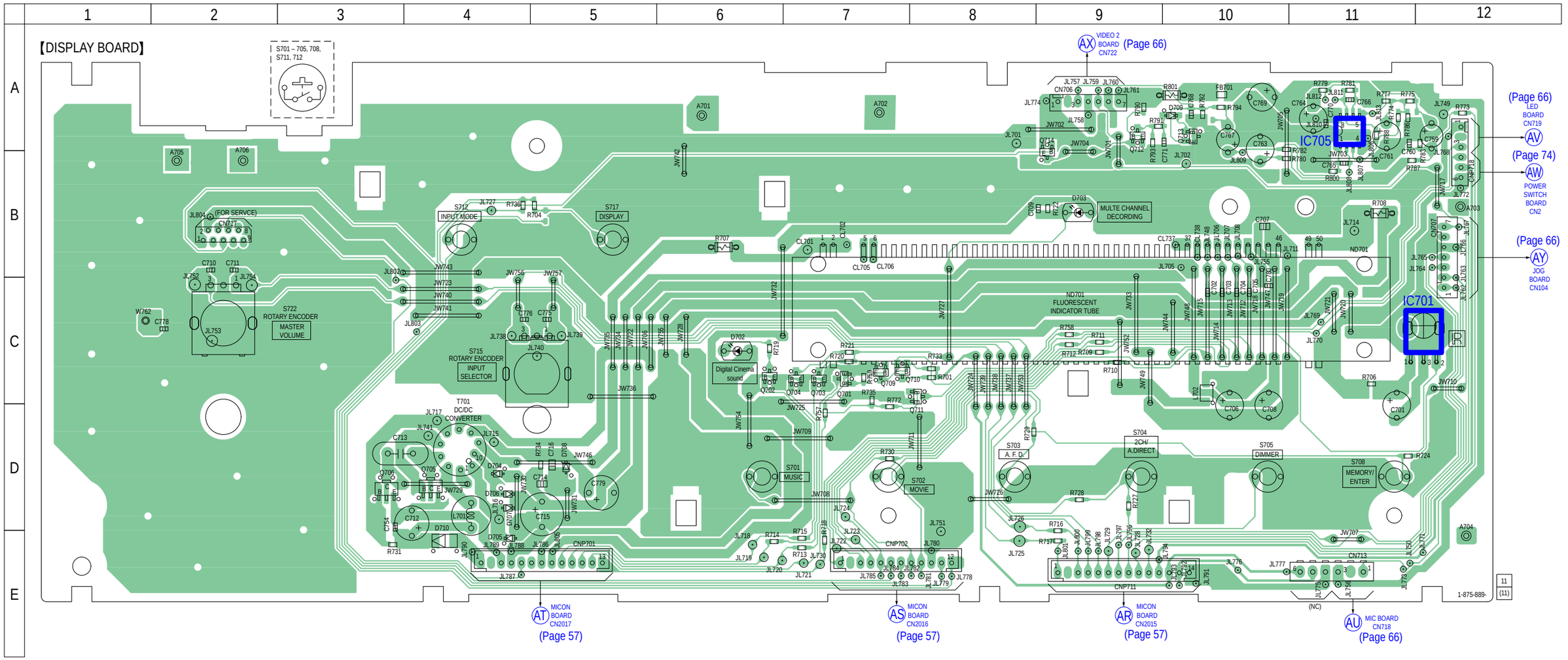


6-37. SCHEMATIC DIAGRAM - CONNECTOR Section -



6-38. PRINTED WIRING BOARD - DISPLAY Board -

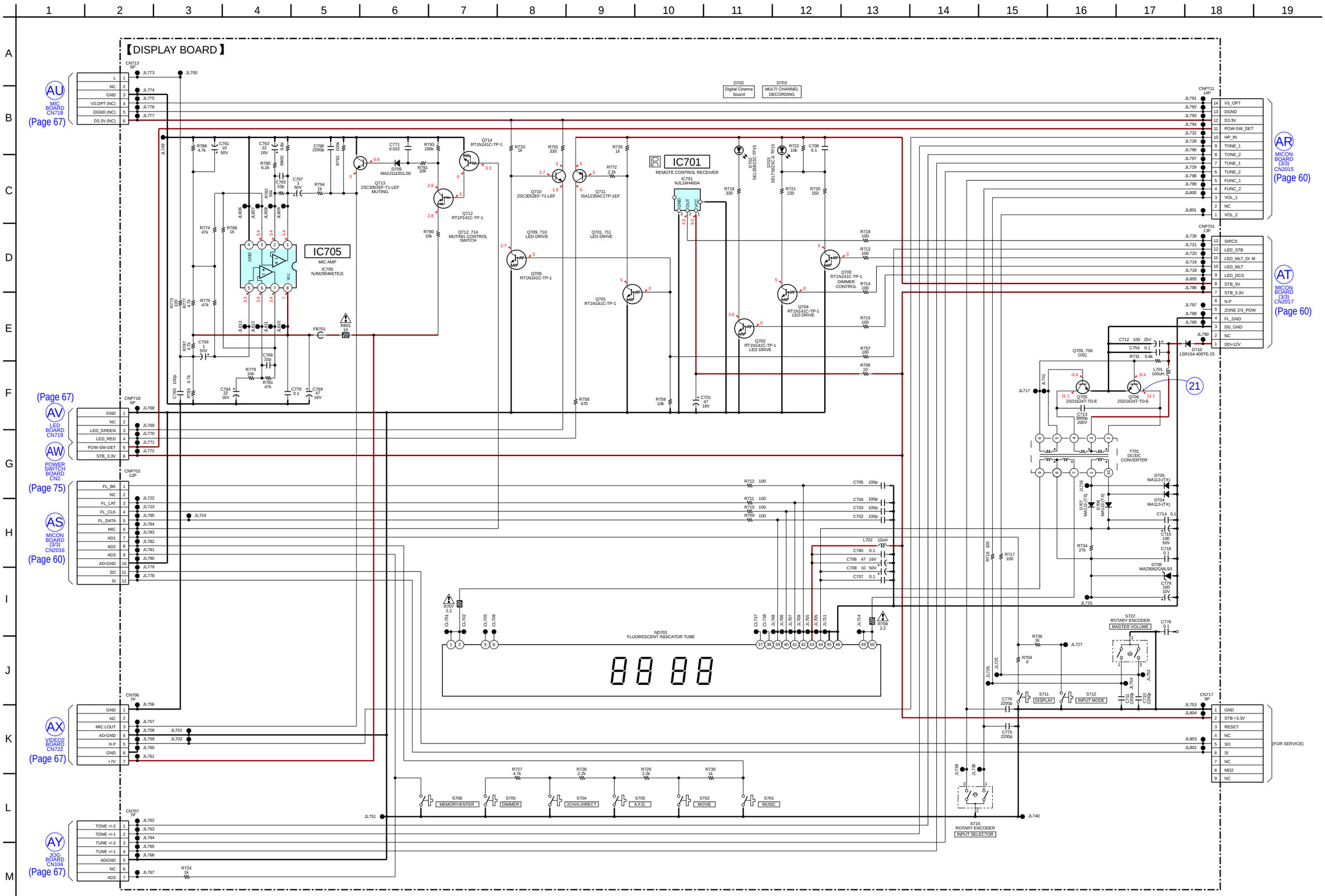
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D702	C-6			Q706	D-3
D703	B-9	IC701	C-12	Q709	C-7
D704	D-4	IC705	A-11	Q710	C-7
D705	E-4			Q711	C-8
D706	D-4	Q701	C-7	Q712	A-9
D707	D-4	Q702	C-6	Q713	A-10
D708	D-5	Q703	C-7	Q714	B-9
D709	A-10	Q704	C-7		
D710	E-4	Q705	D-4		

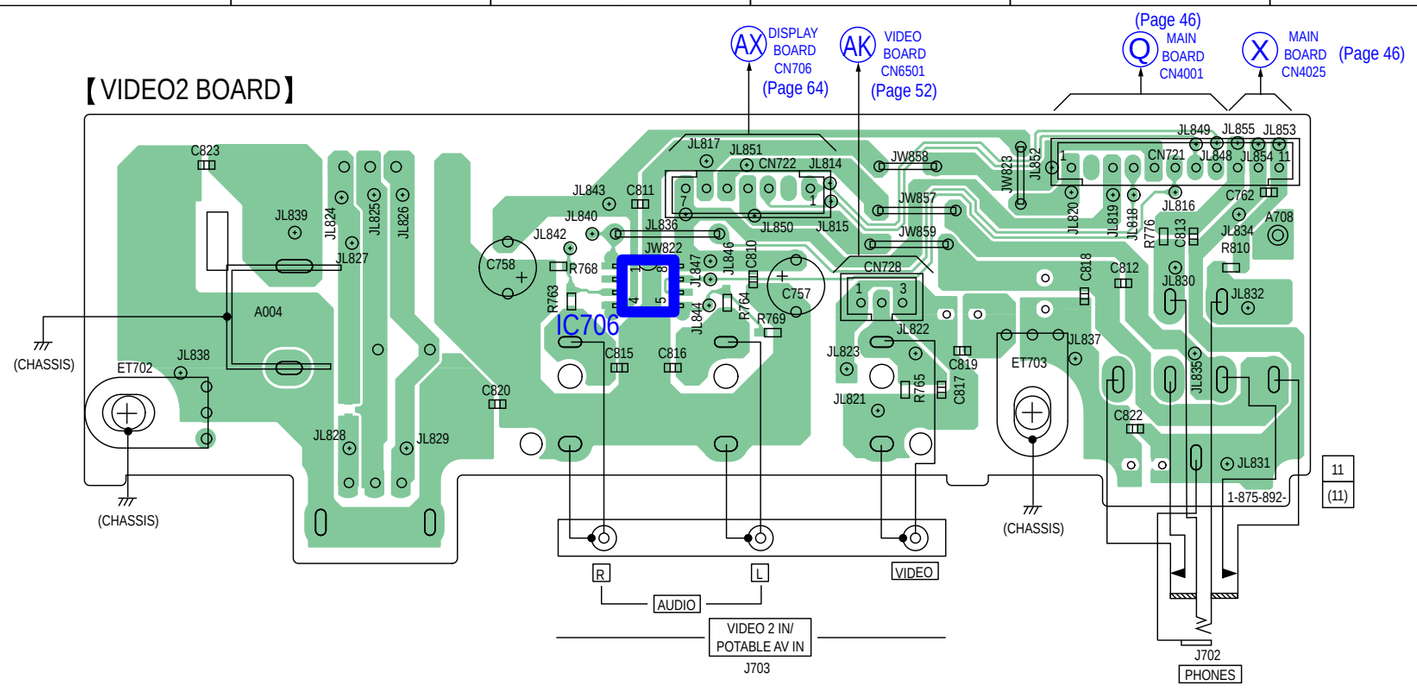
6-39. SCHEMATIC DIAGRAM - DISPLAY Board - • See Page 61 for Waveforms.



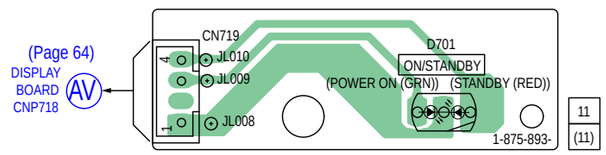
6-40. PRINTED WIRING BOARDS - PANEL Section -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

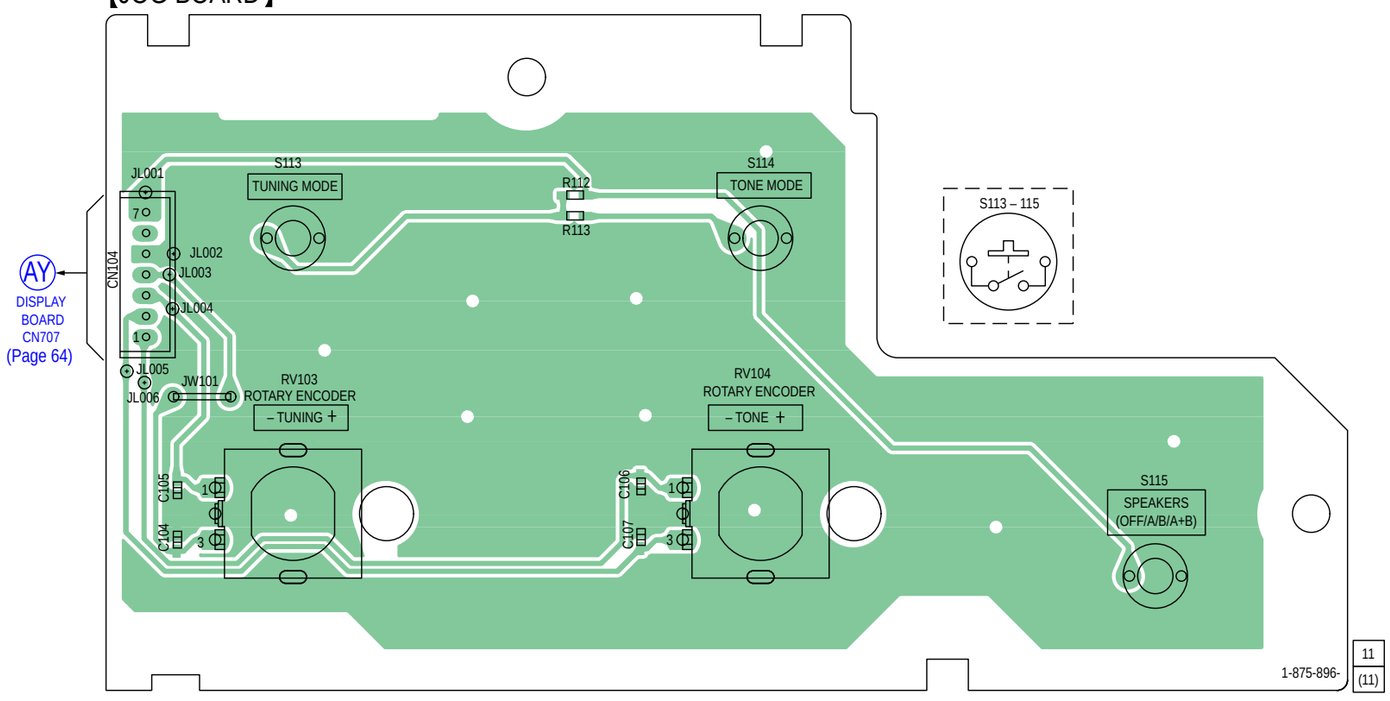
【VIDEO2 BOARD】



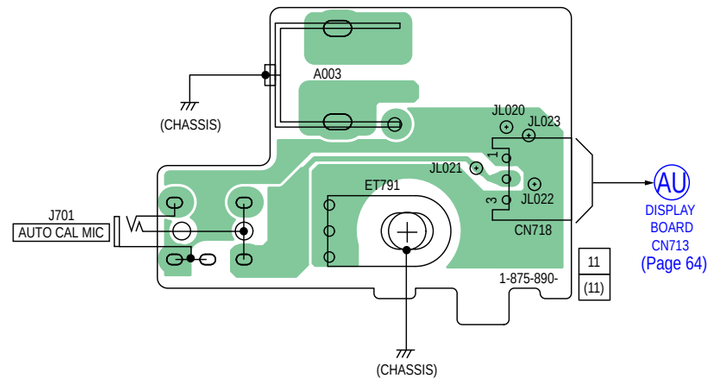
【LED BOARD】



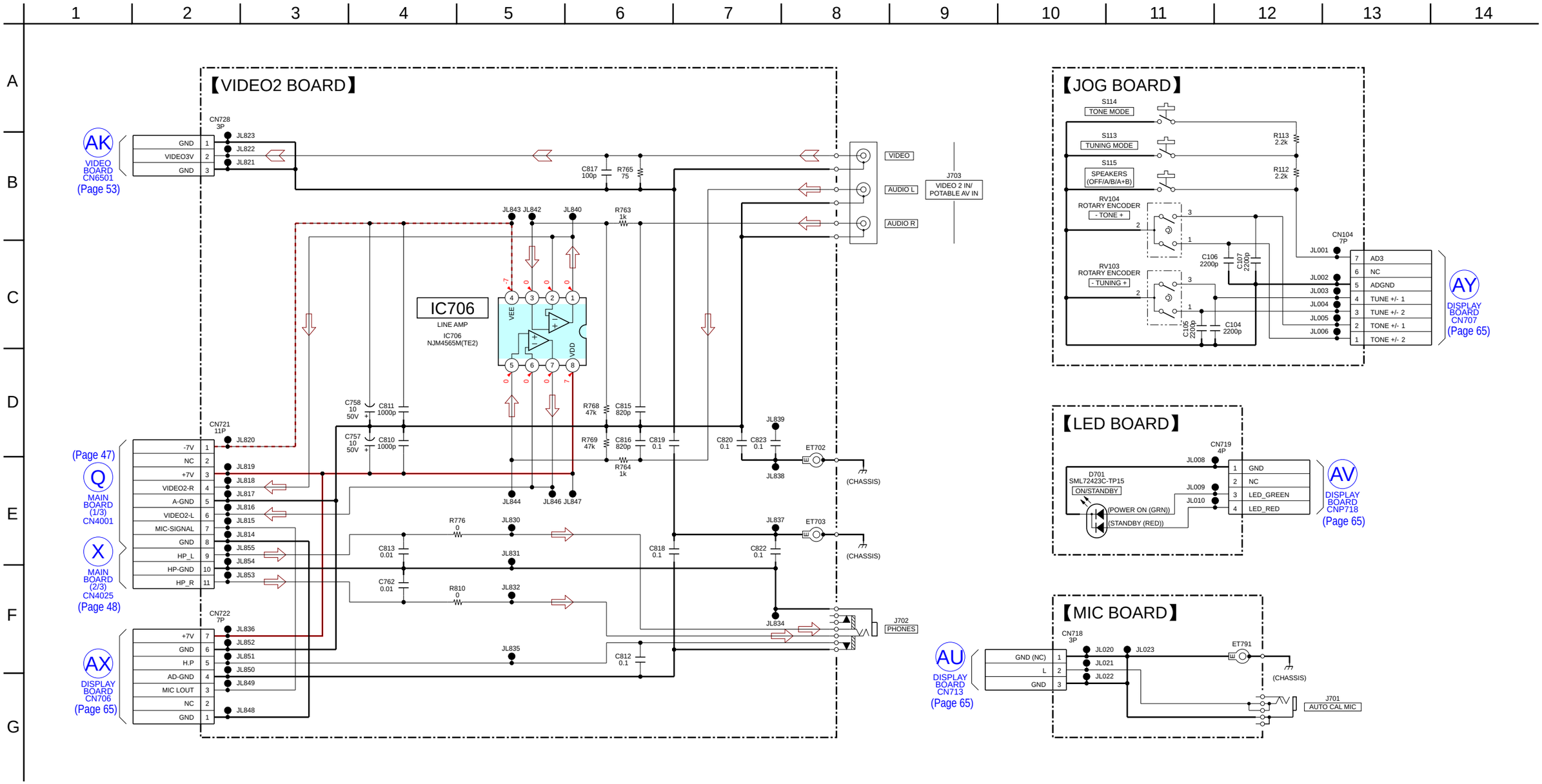
【JOG BOARD】



【MIC BOARD】



6-41. SCHEMATIC DIAGRAM - PANEL Section -

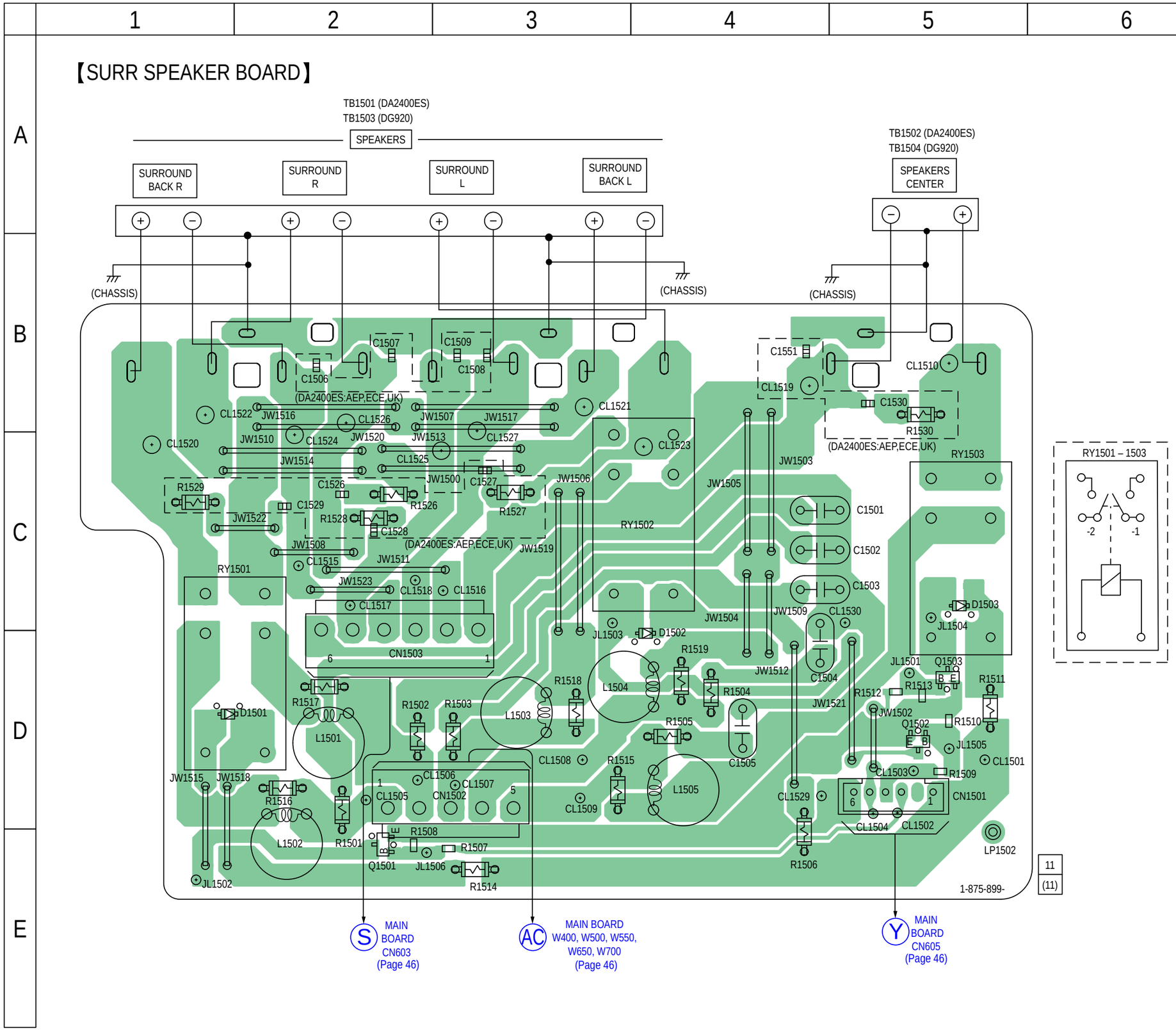


6-42. PRINTED WIRING BOARD - SURR SPEAKER Board -

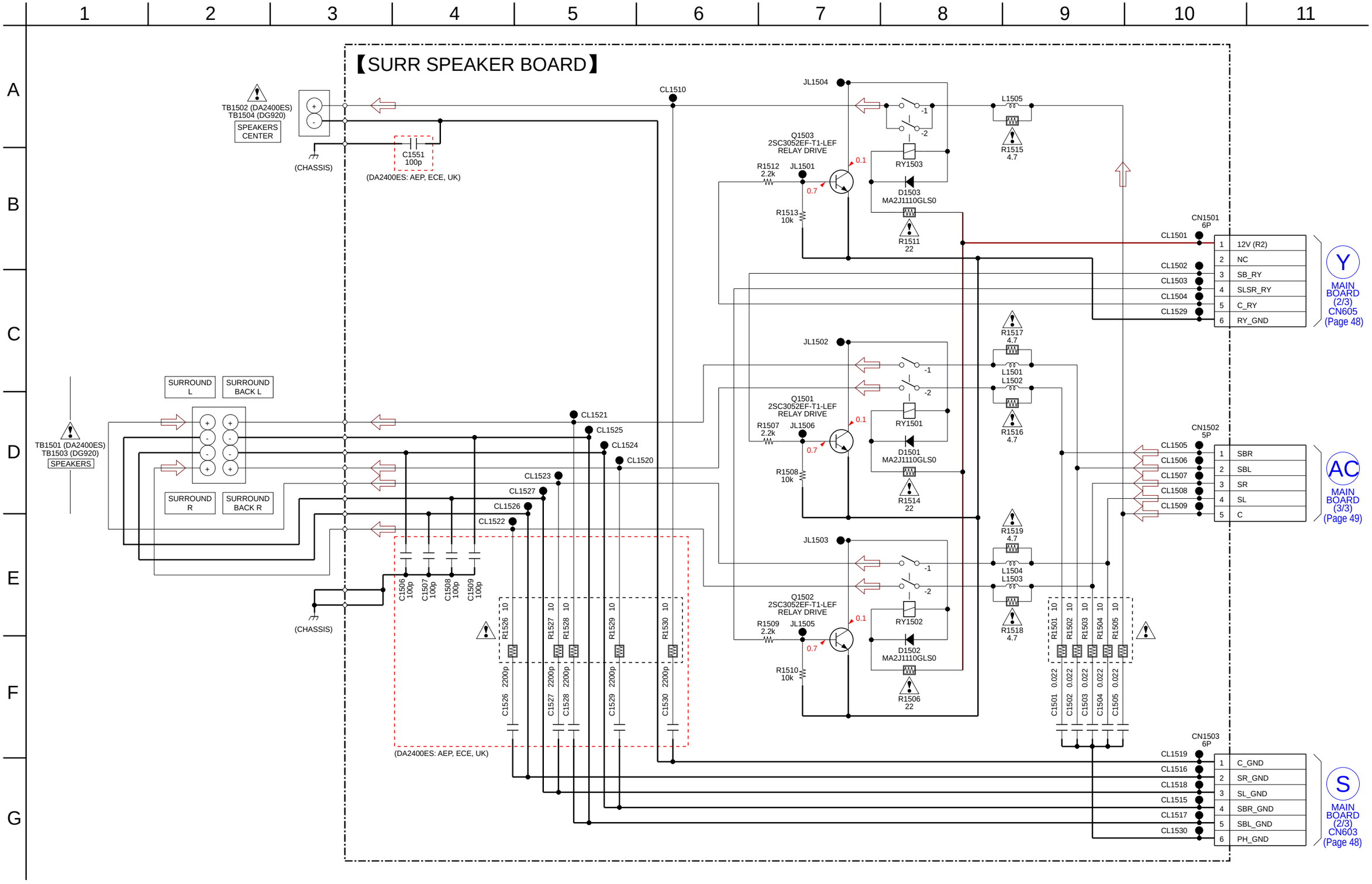
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

• **Semiconductor Location**

Ref. No.	Location
D1501	D-1
D1502	D-4
D1503	C-5
Q1501	E-2
Q1502	D-5
Q1503	D-5



6-43. SCHEMATIC DIAGRAM - SURR SPEAKER Board -

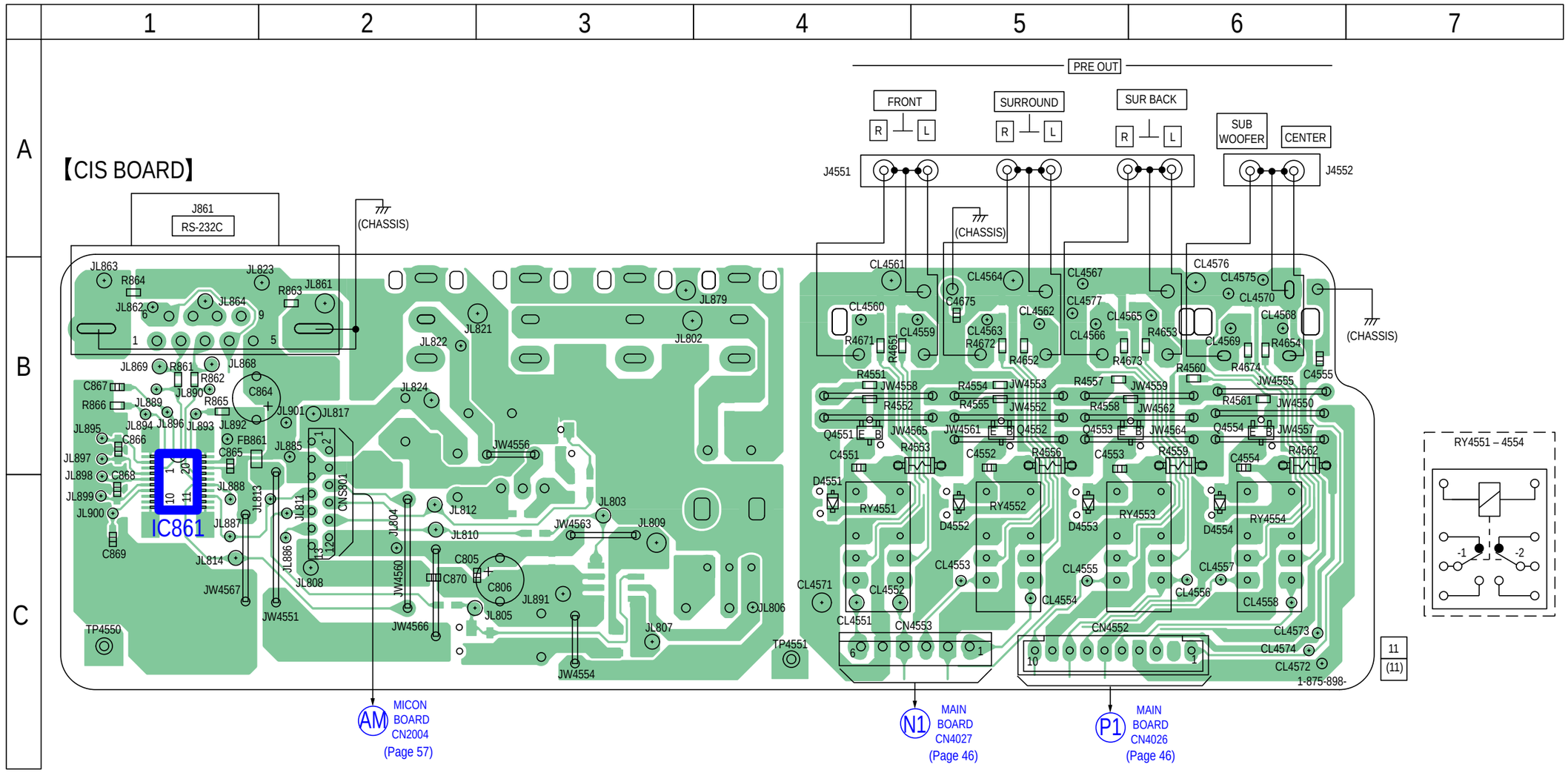


6-44. PRINTED WIRING BOARD - CIS Board (DA2400ES: US model) -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

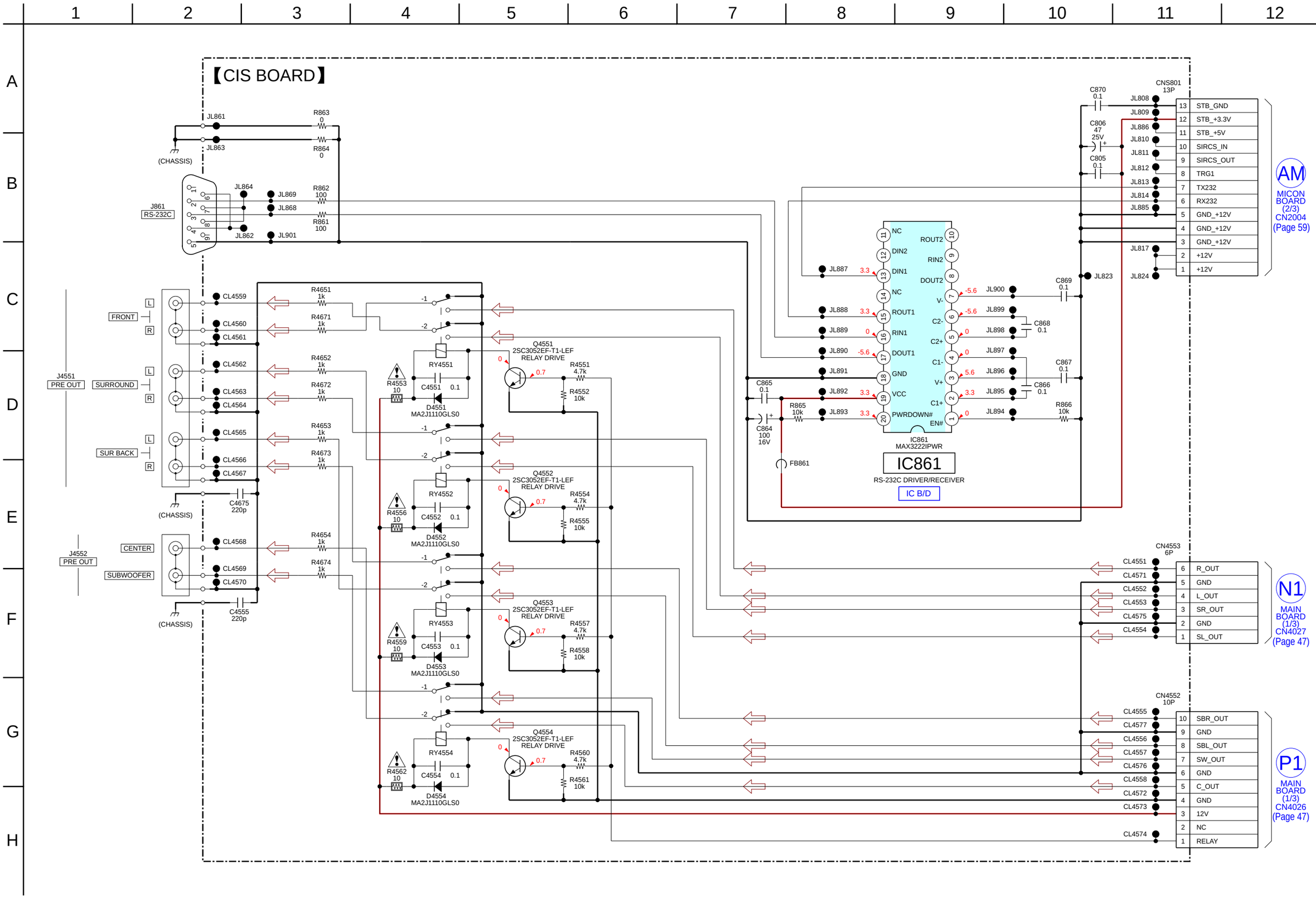
• **Semiconductor Location**

Ref. No.	Location
D4551	C-4
D4552	C-5
D4553	C-5
D4554	C-6
IC861	C-1
Q4551	B-4
Q4552	B-5
Q4553	B-5
Q4554	B-6



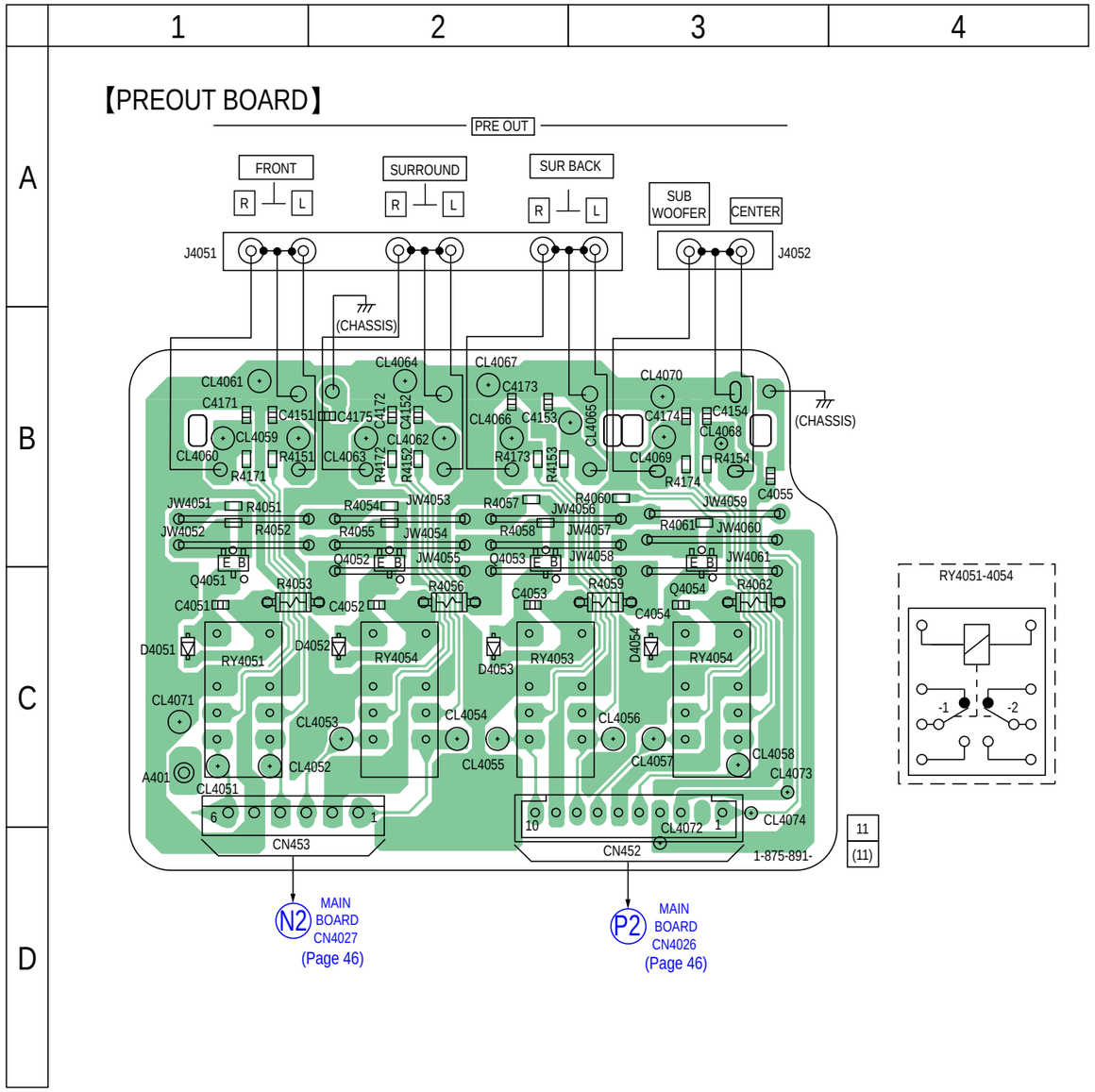
6-45. SCHEMATIC DIAGRAM - CIS Board (DA2400ES: US model) -

• See Page 76 for IC Block Diagrams.



6-46. PRINTED WIRING BOARD - PREOUT Board (DA2400ES: AEP, ECE, UK models) -

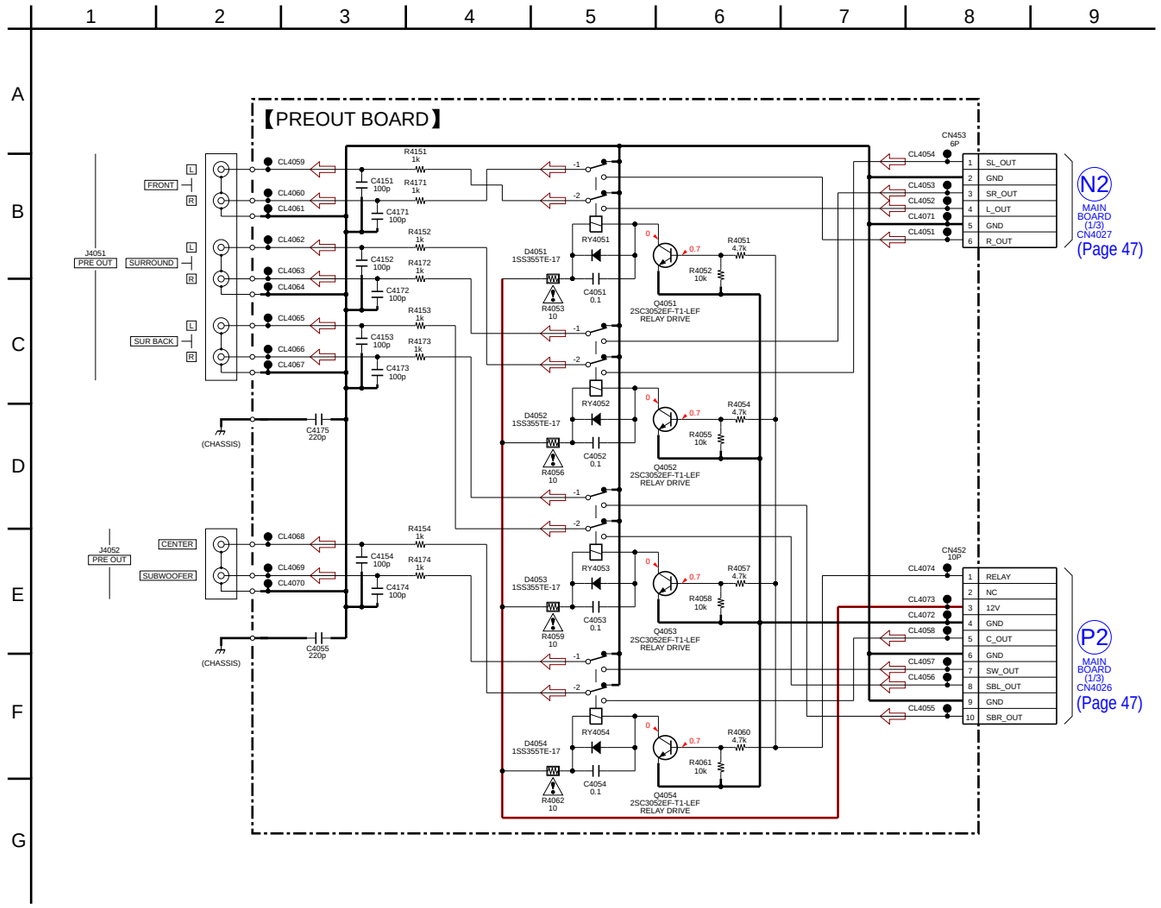
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.



• **Semiconductor Location**

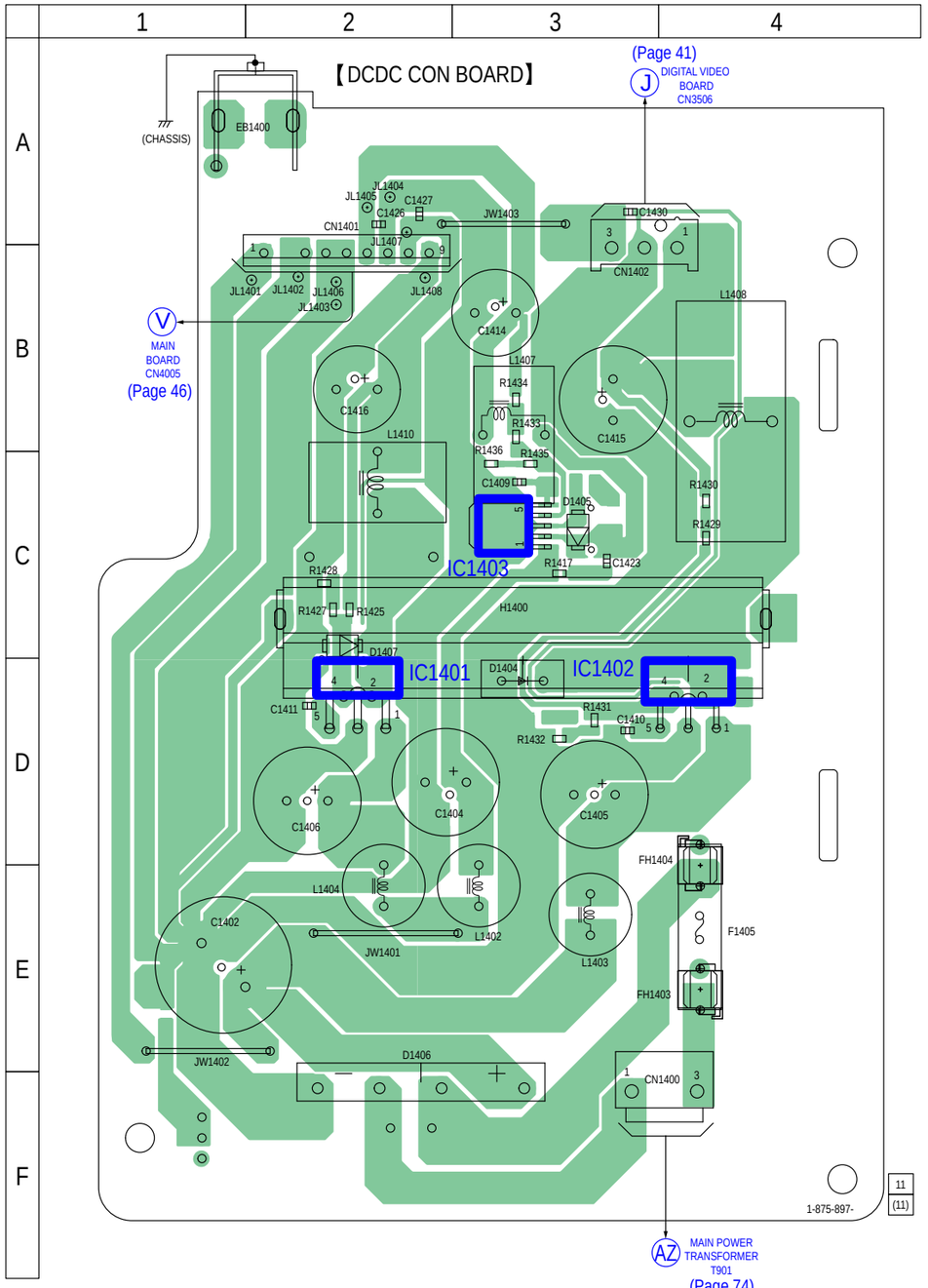
Ref. No.	Location
D4051	C-1
D4052	C-2
D4053	C-2
D4054	C-3
Q4051	B-1
Q4052	B-2
Q4053	B-2
Q4054	B-3

6-47. SCHEMATIC DIAGRAM - PREOUT Board (DA2400ES: AEP, ECE, UK models) -



6-48. PRINTED WIRING BOARD - DCDC CON Board -

• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

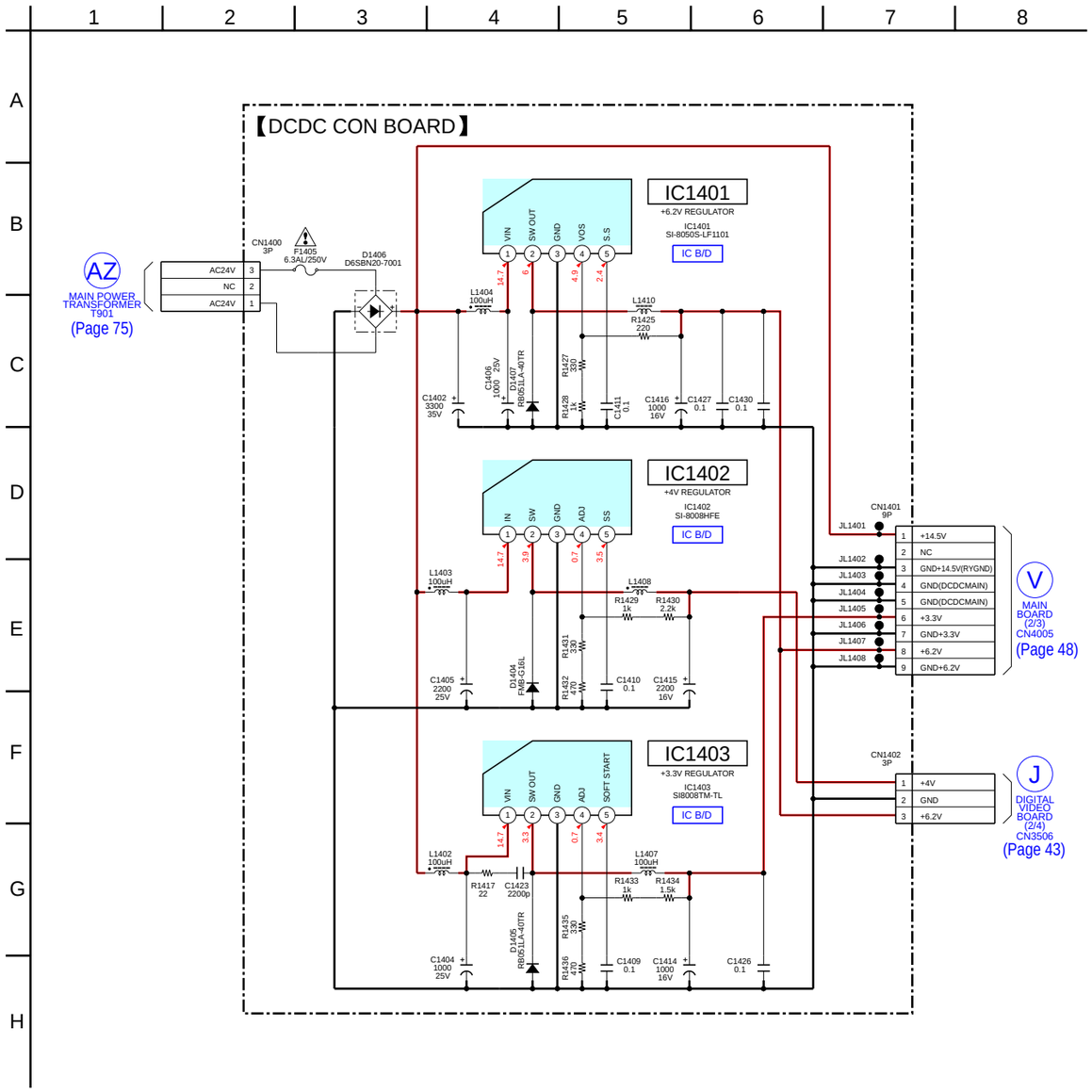


- **Semiconductor Location**

Ref. No.	Location
D1404	D-3
D1405	C-3
D1406	F-2
D1407	C-2
IC1401	D-2
IC1402	D-4
IC1403	C-3

6-49. SCHEMATIC DIAGRAM - DCDC CON Board -

• See Page 76 for IC Block Diagrams

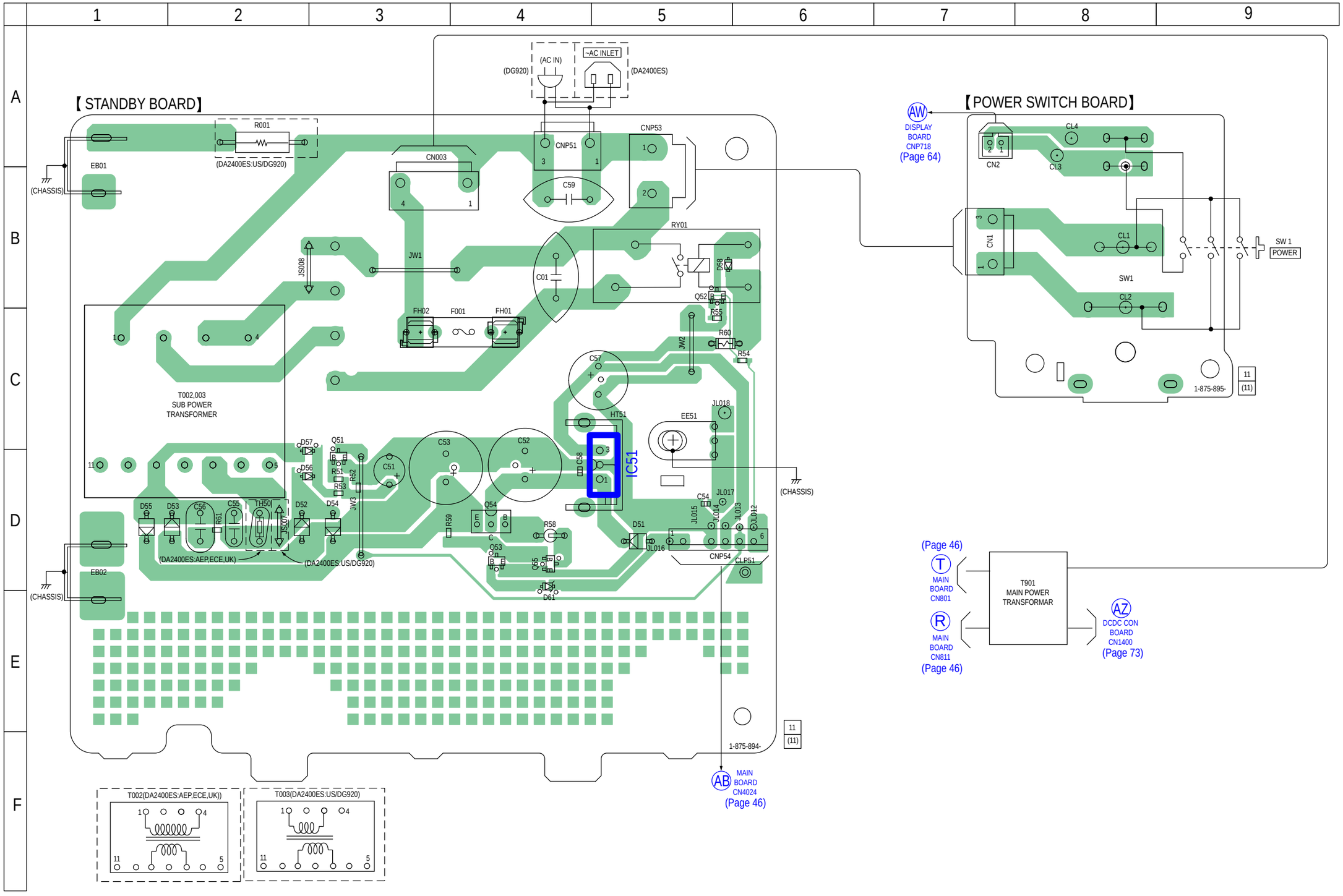


6-50. PRINTED WIRING BOARDS - POWER Section -

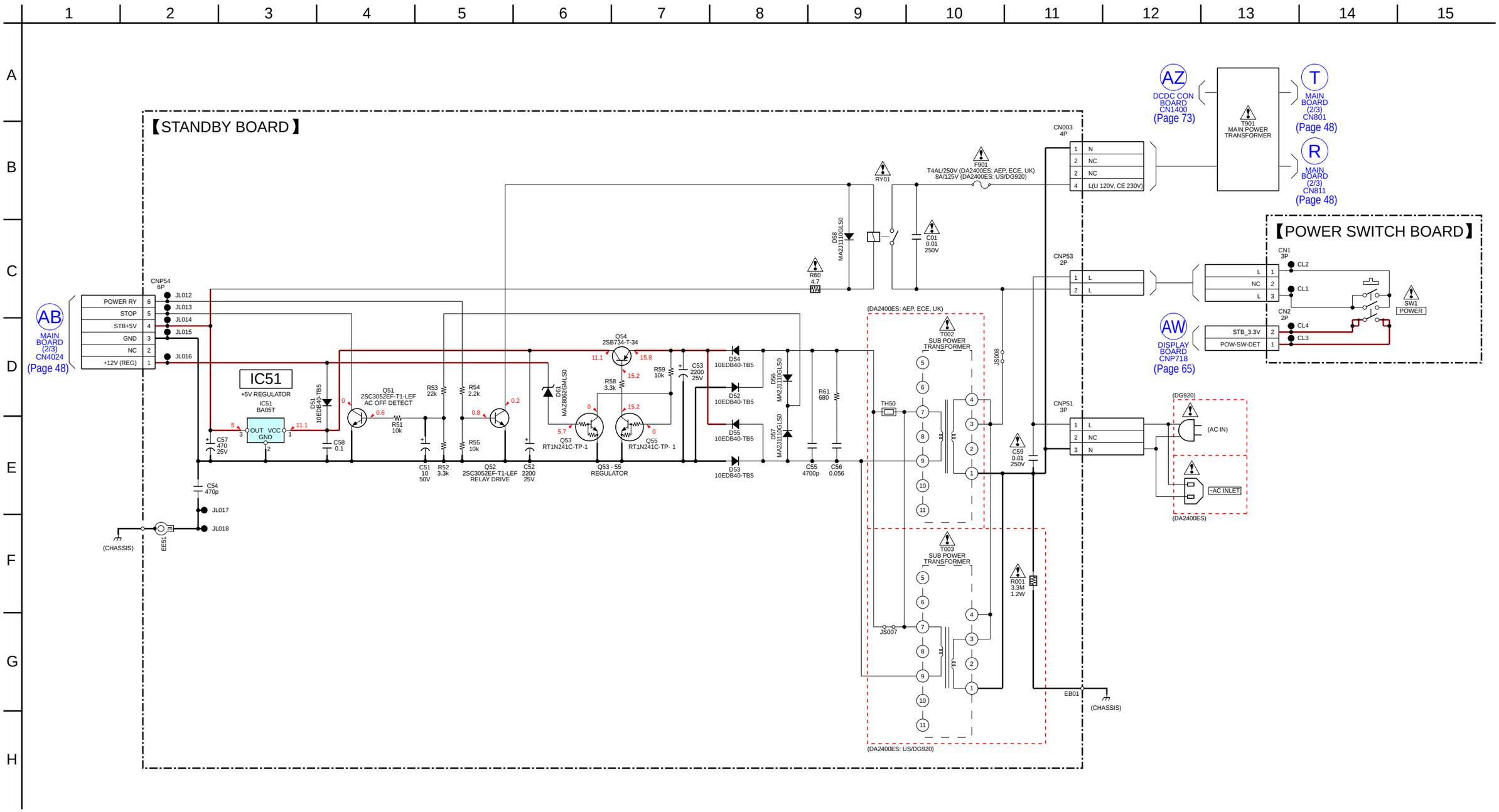
• See Page 35 for Circuit Boards Location. • : Uses unleaded solder.

- **Semiconductor Location**

Ref. No.	Location
D51	D-5
D52	D-2
D53	D-2
D54	D-3
D55	D-1
D56	D-2
D57	D-2
D58	B-5
D61	D-4
IC51	D-5
Q51	D-3
Q52	B-5
Q53	D-4
Q54	D-4
Q55	D-4



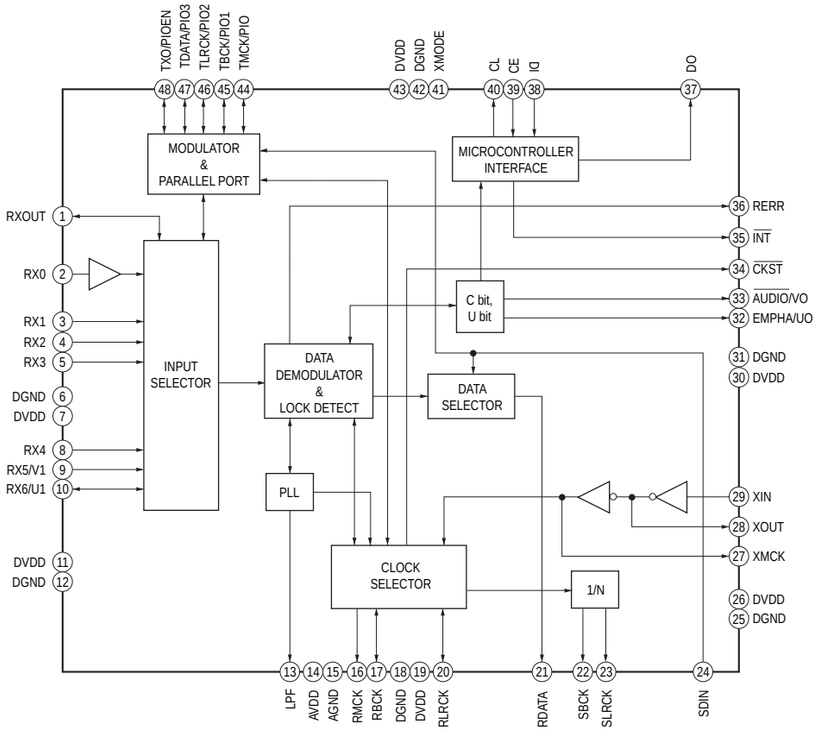
6-51. SCHEMATIC DIAGRAM - POWER Section -



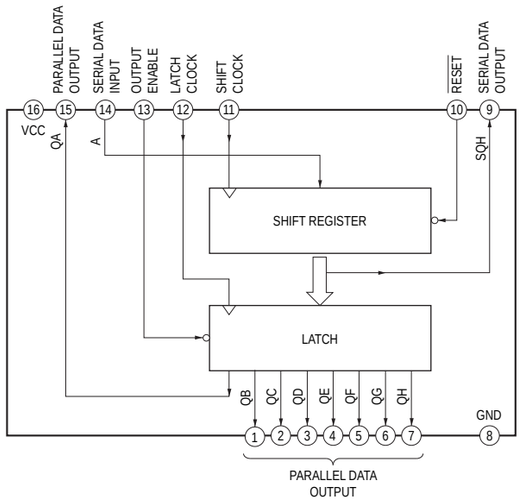
- **IC Block Diagrams**

– DIGITAL Board –

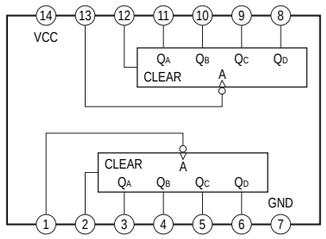
IC2208 LC89057W-VF4A-E



IC2210 SN74HC595ANS



IC2211 TC74VHC393FT (EL)



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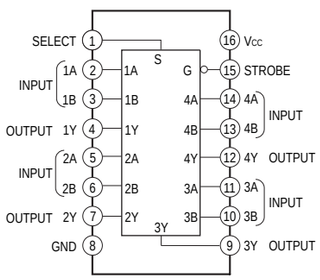
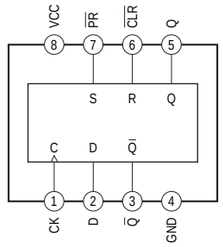
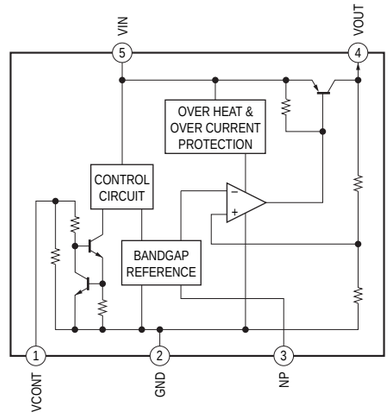


IC2226 TC7WH74FU (TE12R)



IC2230 TK11150CSCL-G



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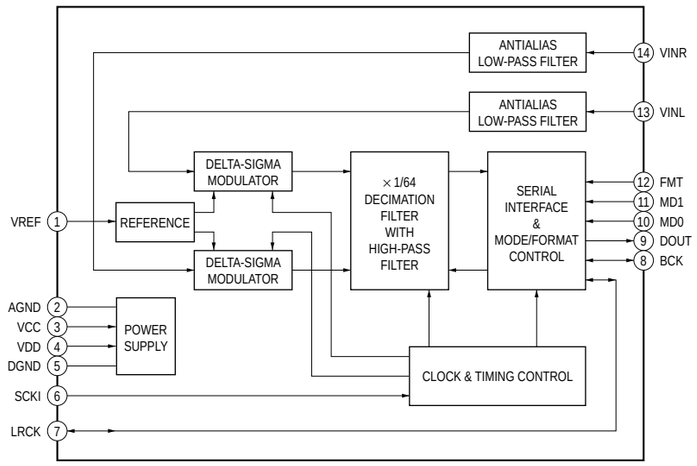

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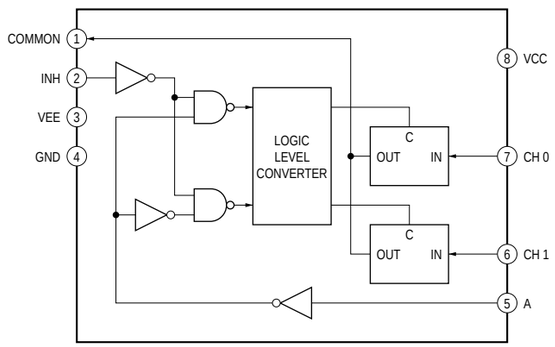
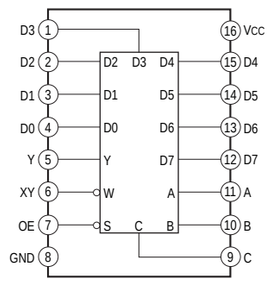
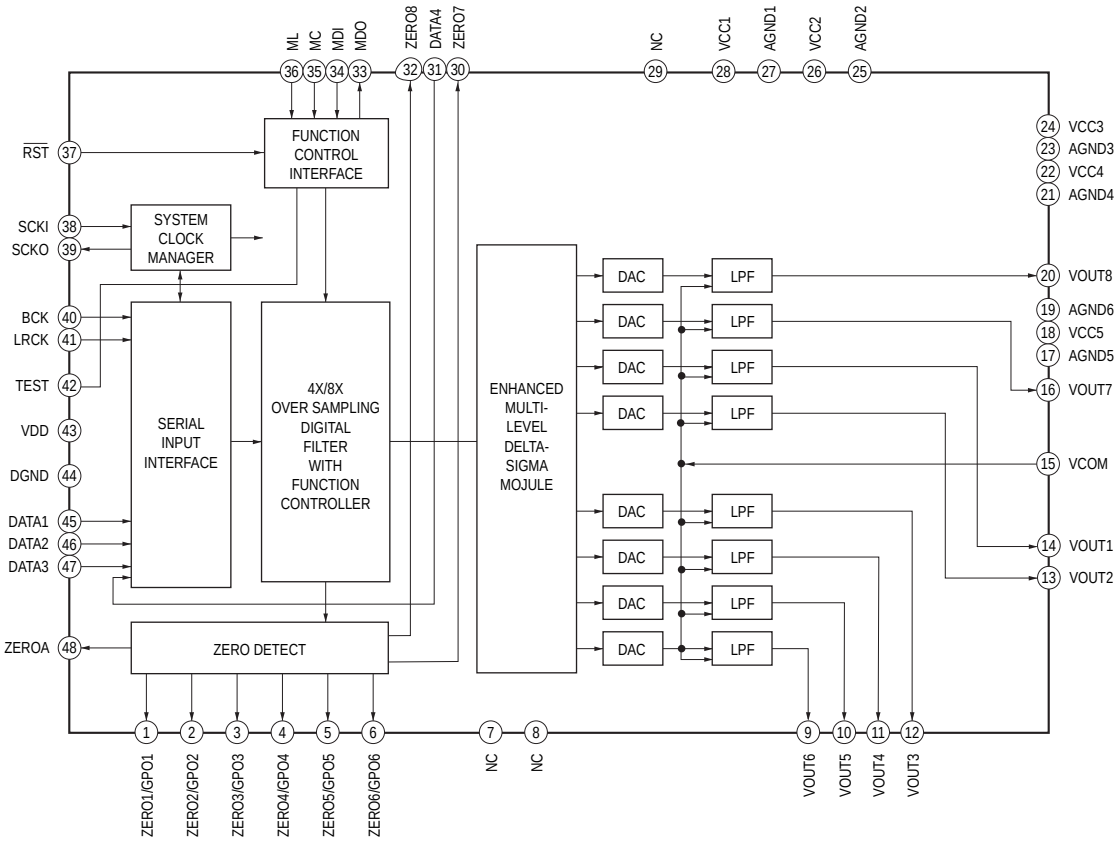


IC2237 TC74HC151AF (EL)

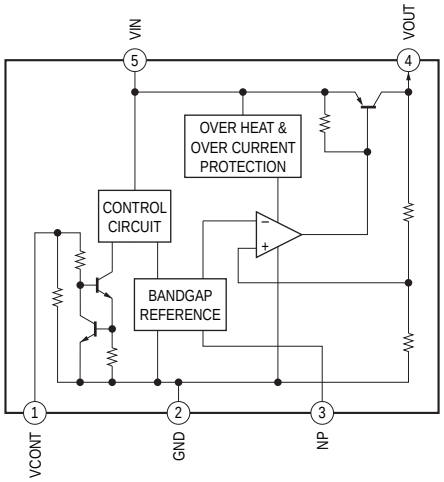


IC2238 PCM1609APT

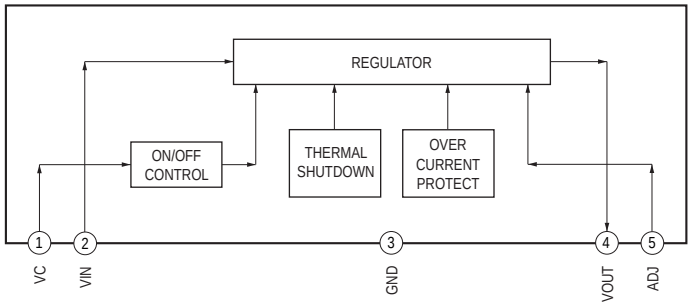


– DIGITAL VIDEO Board –

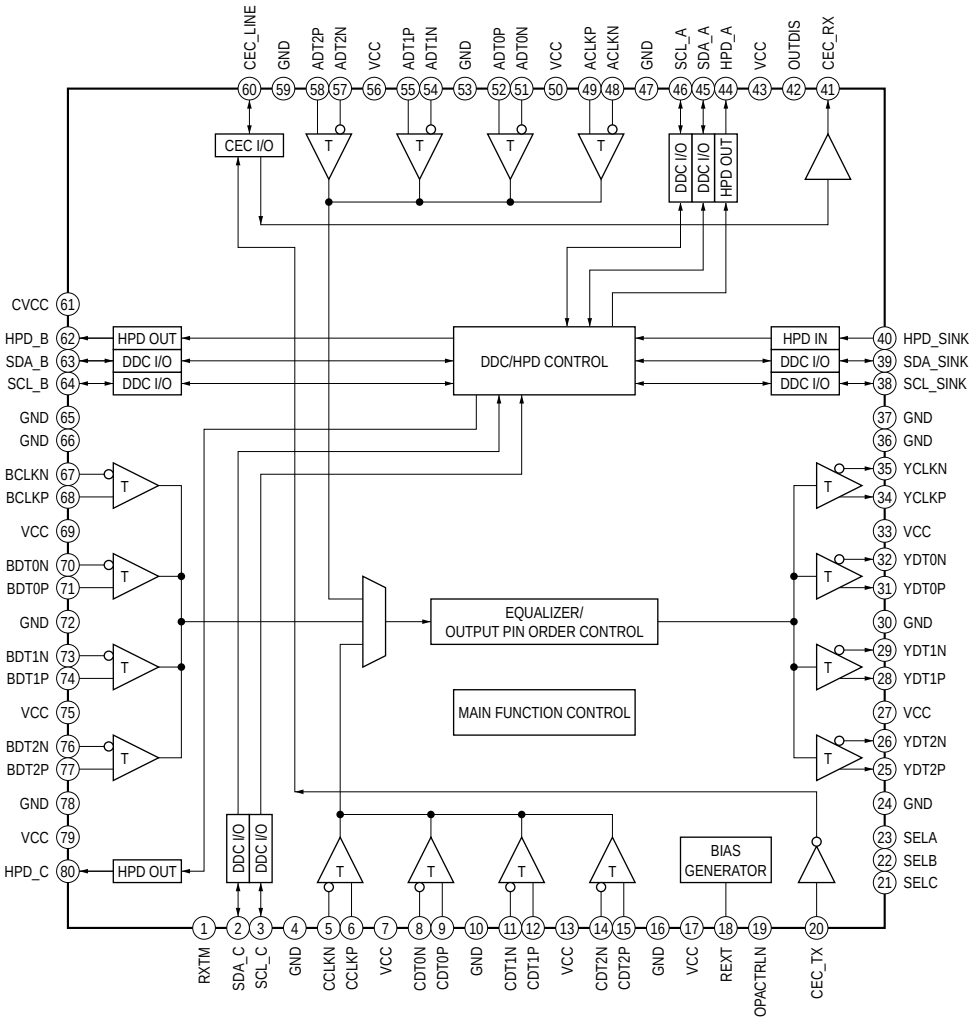
IC3205, 3807 TK11118CSCL-G
IC3509, 3510 TK11150CSCL-G
IC3809 TK11133CSCL-G



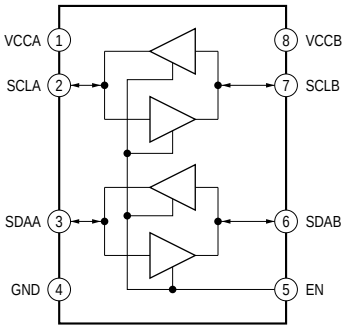
IC3209 SI-3011ZFE



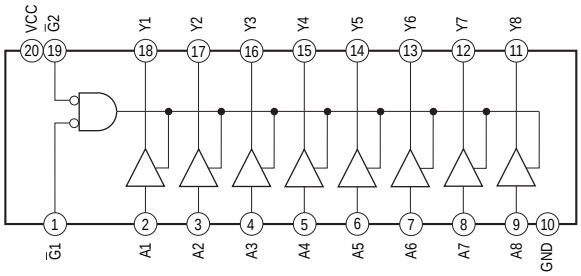
IC3501 CXB1444R-T6



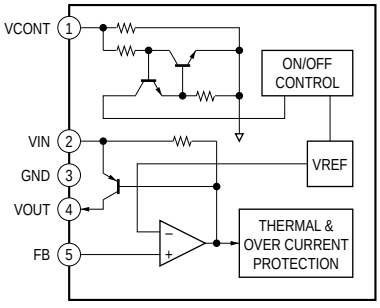
IC3502 PCA9517DP.118



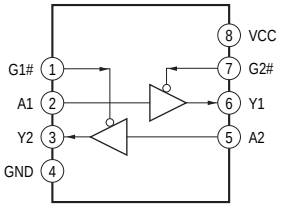
IC3507 TC74VHC541FT(EL)



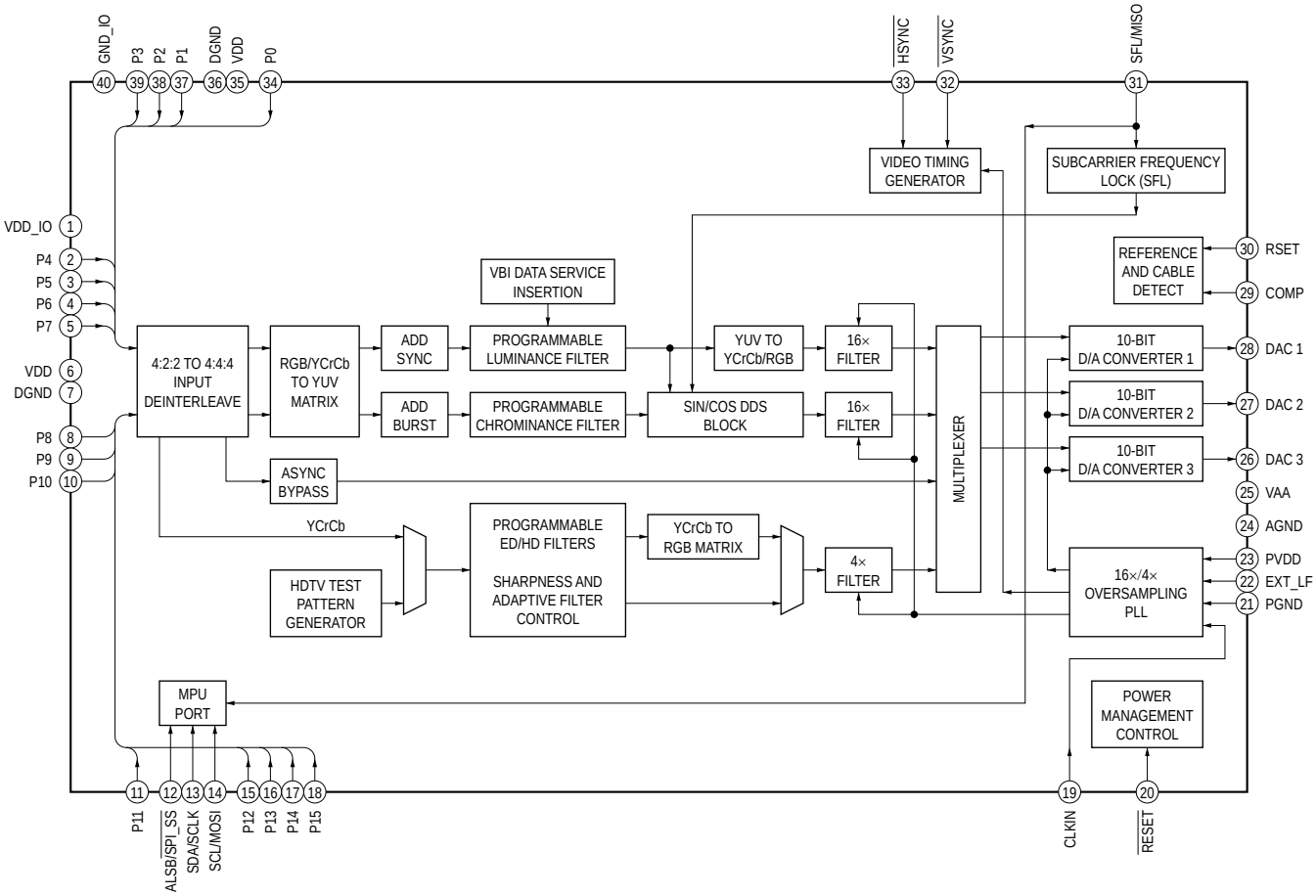
IC3511, 3512 TK73400AU3G0L-C



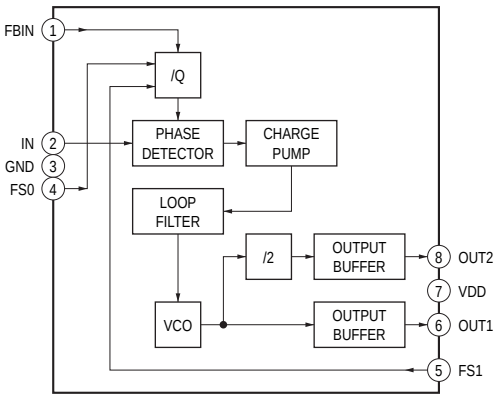
IC3513 TC7WT125FU (TE12R)



IC3800 ADV7392BCPZ

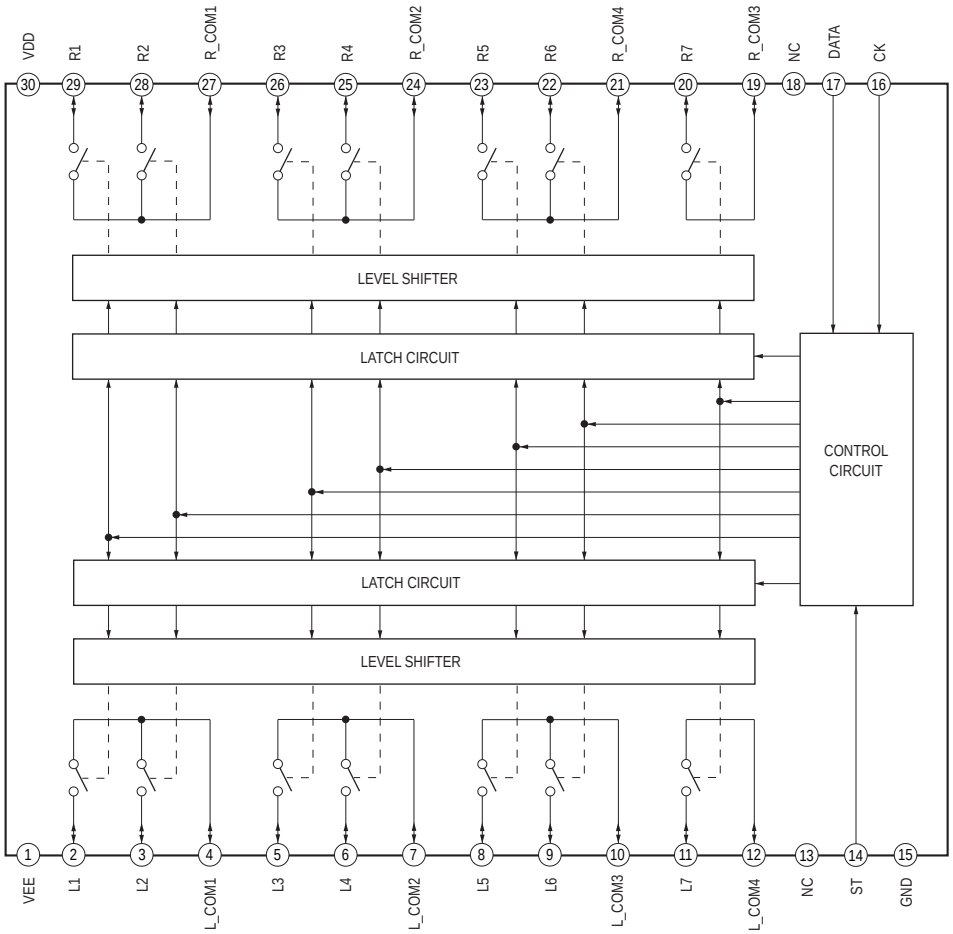


IC3810 CY2302-SXC-1T

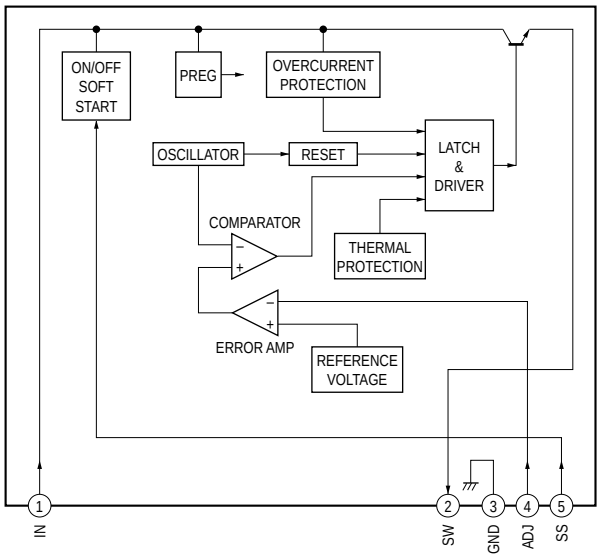


– MAIN Board –

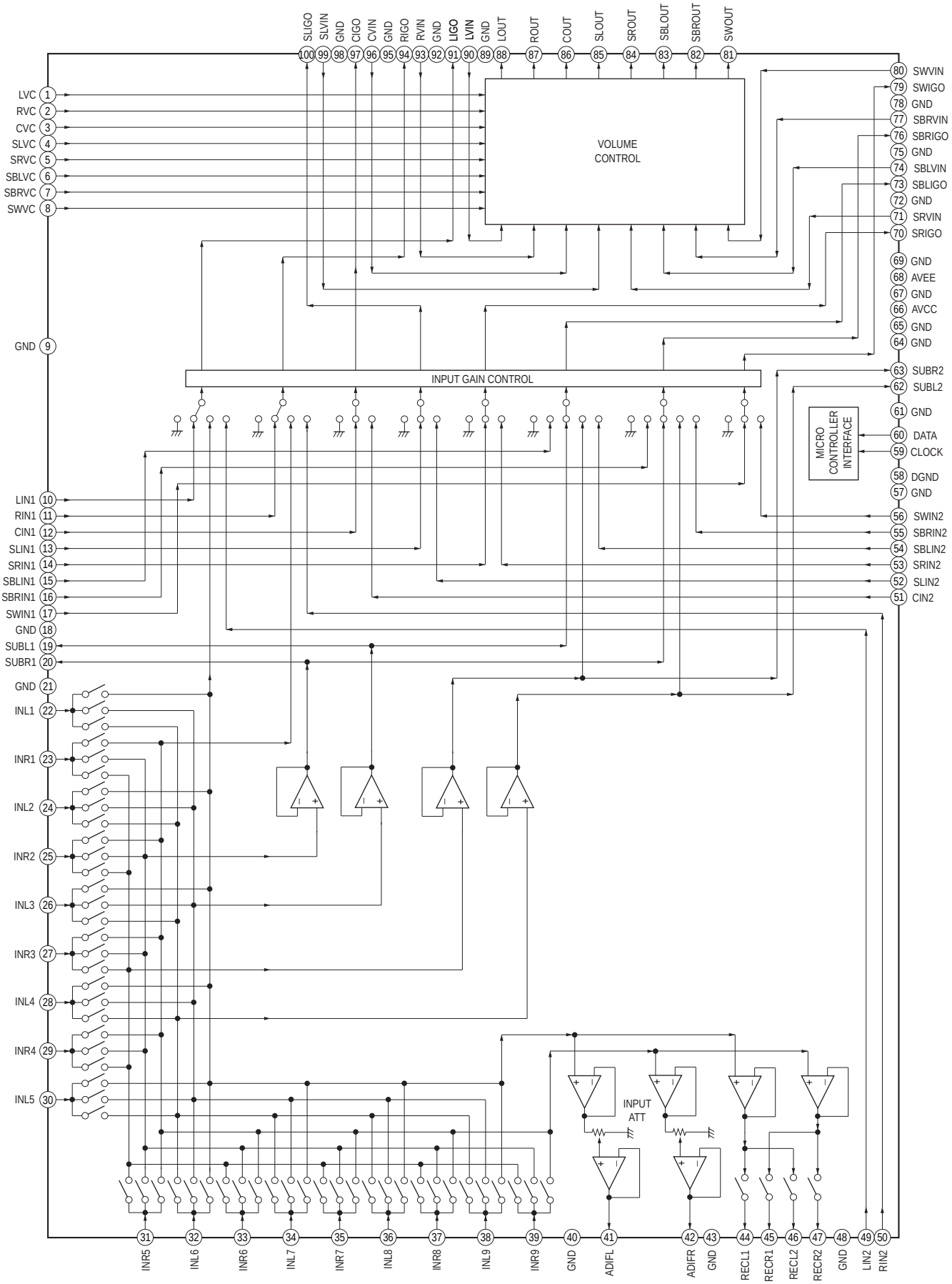
IC403 NJU7311AM (TE2)



IC4100 SI-8001FFE

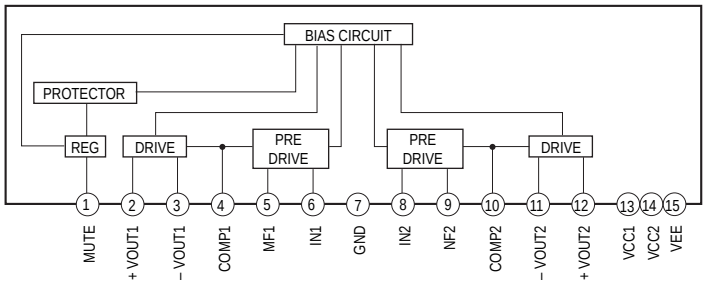


IC404 R2S15206FP



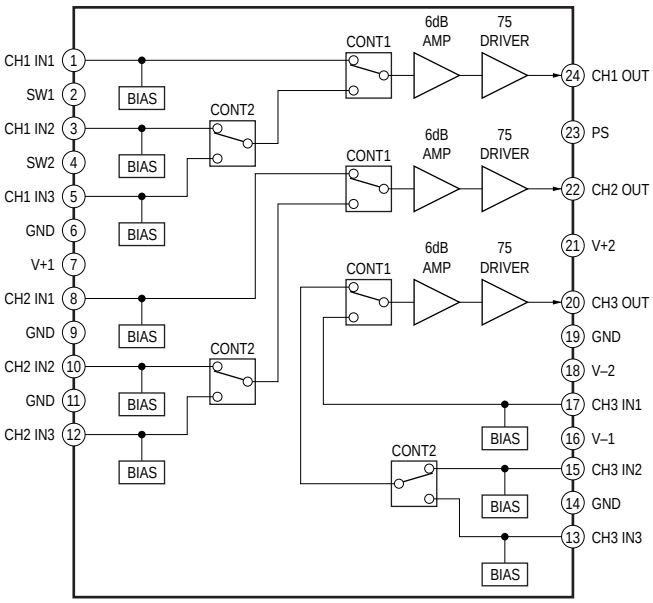
– ACLASS Board –

IC400, 500, 600, 700 μPC2581V-S

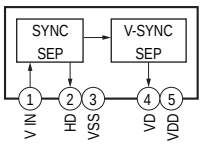


– VIDEO Board –

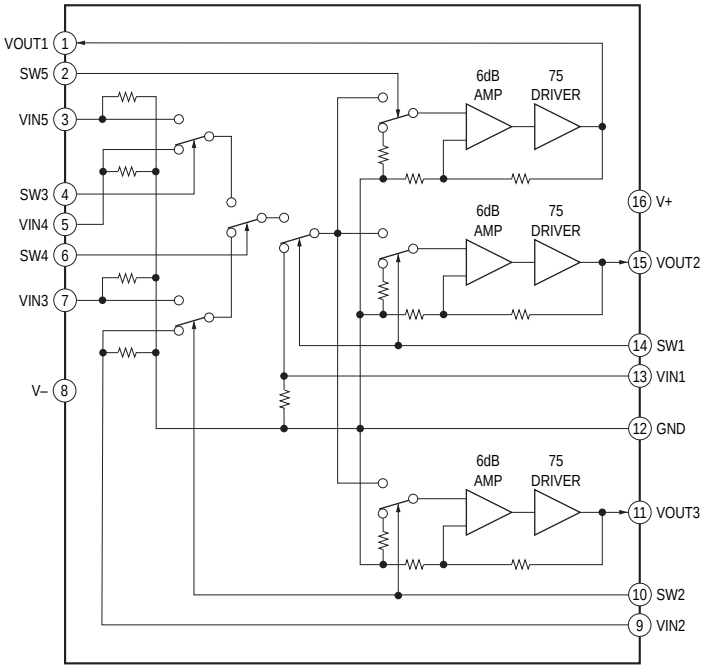
IC6001, 6104 NJM2586AM



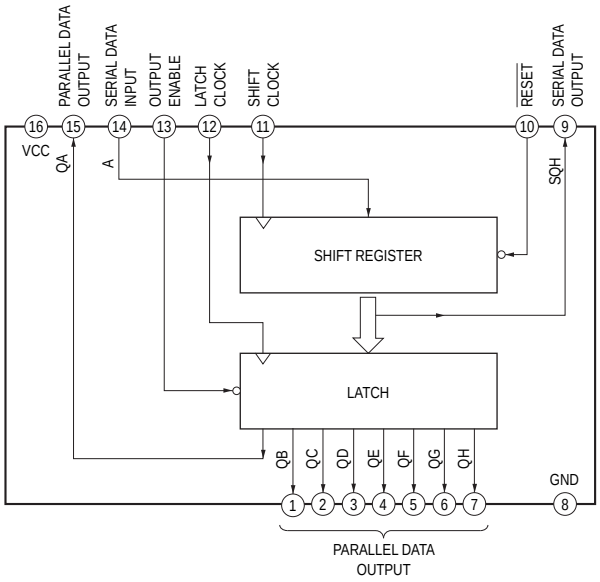
IC6101, 6102 LA7213



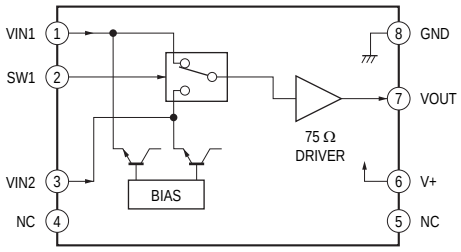
IC6302 NJM2595M-TE2



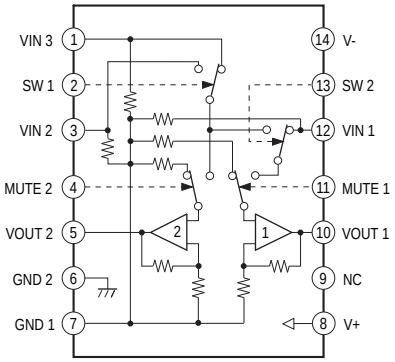
IC6502, 6503 SN74HC595ANS



IC6505 NJM2533M (TE2)

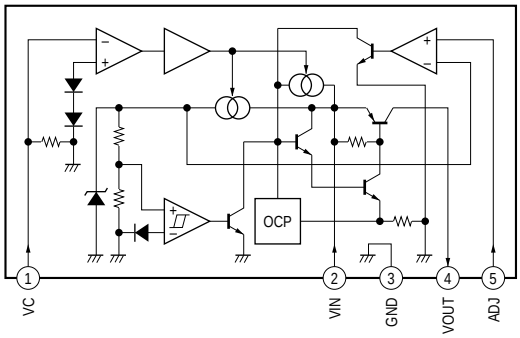


IC6506 NJM2279M-TE2



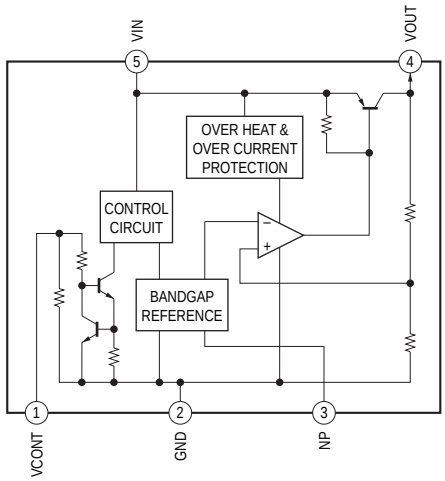
– DSP Board –

IC5015 SI-3011ZD-TL

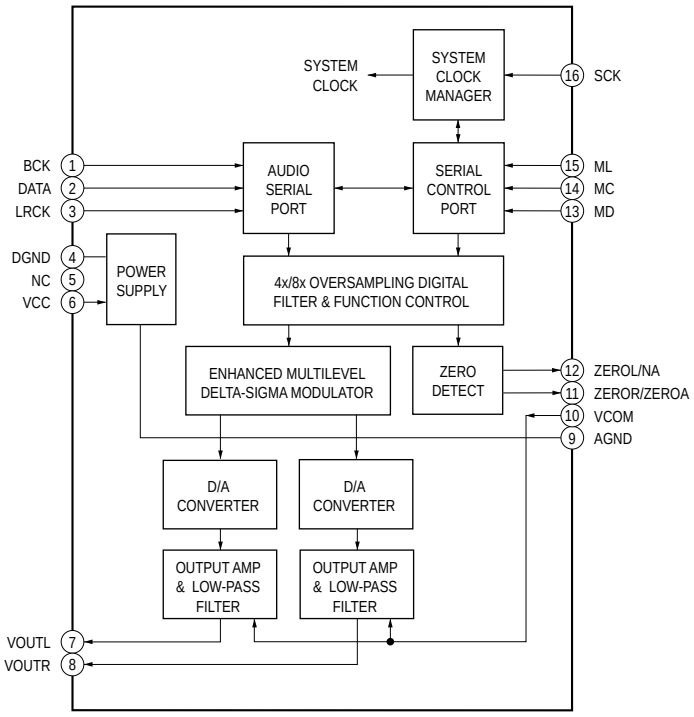


– MICON Board –

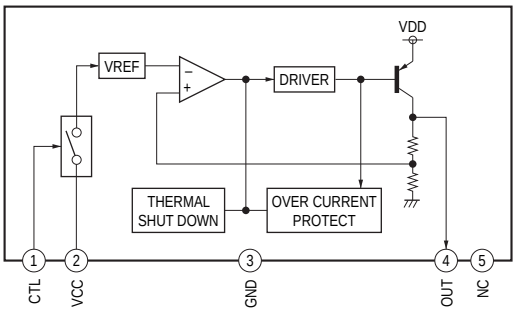
IC8004 TK11133CSCL-G
IC8007 TK11150CSCL-G



IC8005 PCM1753DBQR



IC8006 BA00BC0WFP-E2



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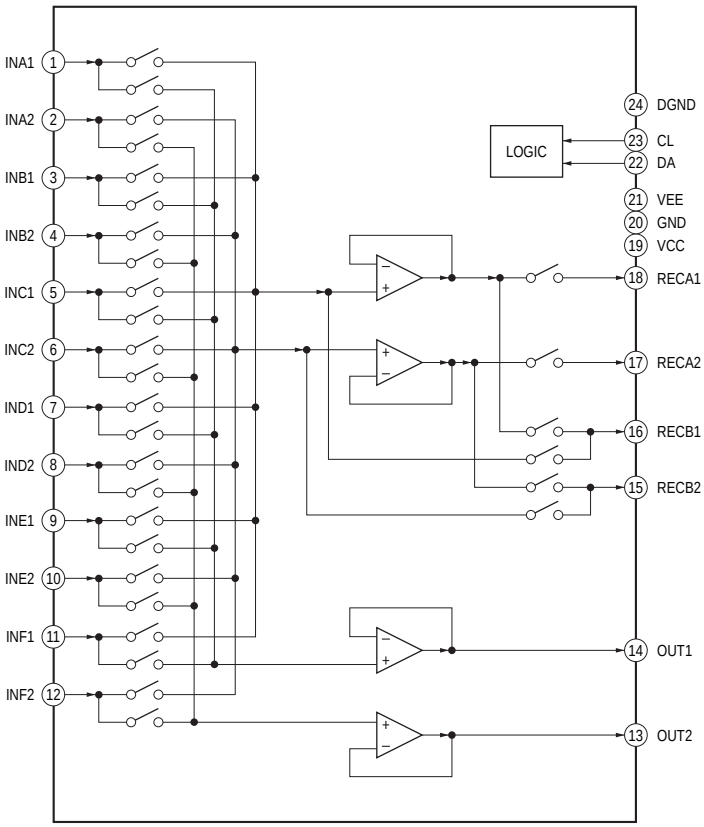
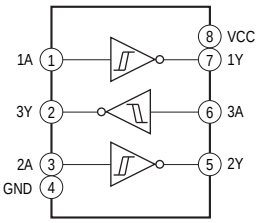
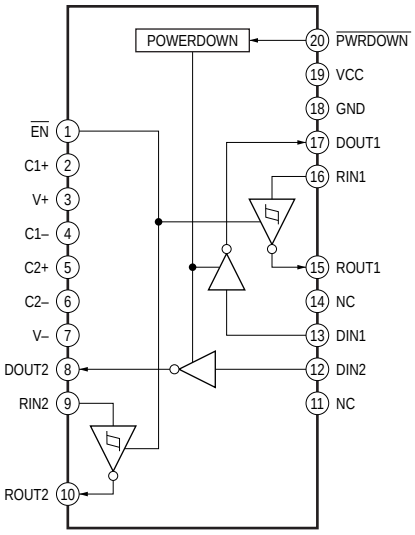


IC8017, 8020 TC7W14FU (TE12R)



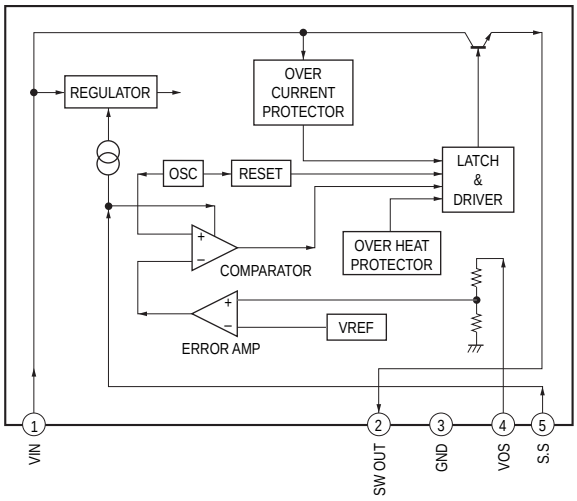
– CIS Board –

IC861 MAX3222IPWR

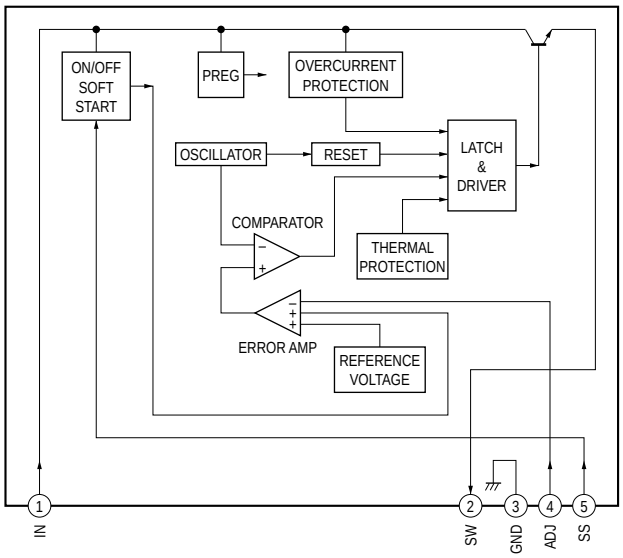


– DCDC CON Board –

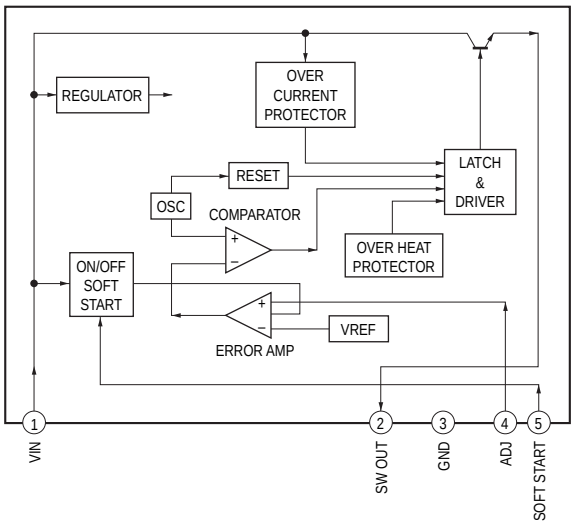
IC1401 SI-8050S-LF1101



IC1402 SI-8008HFE



IC1403 SI8008TM-TL



• **IC Pin Function Description**

DIGITAL VIDEO BOARD IC3000 M30620FCPGP U5C (HDMI CONTROLLER)

Pin No.	Pin Name	I/O	Description
1 to 5	NC	O	Not used
6	BYTE	I	External data bus width selection signal input terminal "L": 16 bit Fixed at "L" in this set
7	CNVSS	I	Processor mode selection signal input terminal "L": single chip mode Fixed at "L" in this set
8, 9	NC	O	Not used
10	RESET	I	Reset signal input from the system controller "L": reset
11	XOUT	O	System clock output terminal (10 MHz)
12	VSS	-	Ground terminal
13	XIN	I	System clock input terminal (10 MHz)
14	VCC_3.3V	-	Power supply terminal (+3.3V)
15	NMI	I	Non-maskable interrupt signal input terminal Not used
16 to 18	NC	O	Not used
19	RX_RST	O	Reset signal output to the HDMI receiver "L": reset
20	RX_INT	I	Interrupt signal input from the HDMI receiver
21	1444_HPD	O	Hot plug detection control signal output to the HDMI input selector
22	HPD_IN1	O	Hot plug detection control signal output to the HDMI VIDEO 1 IN connector
23 to 26	NC	O	Not used
27	CSCL	O	I2C clock signal output to the EEPROM, HDMI receiver and HDMI transceiver
28	CSDA	I/O	I2C data bus with the EEPROM, HDMI receiver and HDMI transceiver
29	232COUT (VU TX)	O	Serial data output terminal for RS-232C
30	232CIN (VU RX)	I	Serial data input terminal for RS-232C
31	CLK 1	I	Not used
32	RTS 1	O	Not used
33	VUCOM_SDA	I/O	I2C data bus with the system controller
34	VUCOM_SCL	I	I2C clock signal input from the system controller
35, 36	EDID_SELA, EDID_SELB	O	Input data selection signal output terminal
37 to 39	NC	O	Not used
40	VDAC_RESET	O	Not used
41	TX_5VPWR	O	Power supply on/off control signal output terminal for HDM IOUT connector "H": power on
42	TX_RST	O	Reset signal output to the HDMI transceiver "L": reset
43	TX_INT	I	Interrupt signal input from the HDMI transceiver
44 to 50	NC	O	Not used
51 to 53	1444_SELA to 1444_SELC	O	HDMI input selection signal output to the HDMI input selector
54	1444_OEB	O	Output enable signal output to the HDMI input selector
55, 56	P5V_SELA, P5V_SELB	O	HDMI +5V power input selection signal output terminal
57 to 59	NC	O	Not used
60	VCC_3.3V	-	Power supply terminal (+3.3V)
61	NC	O	Not used
62	VSS	-	Ground terminal
63	NC	O	Not used
64	NON LPCM	O	Non-LPCM setting signal output terminal "L": LPCM
65	MUTE	O	System muting signal output terminal
66 to 90	NC	O	Not used
91 to 93	MODEL_SW3 to MODEL_SW1	I	Model setting terminal
94	AVSS	-	Ground terminal
95	NC	O	Not used
96	VREF	I	Reference voltage (+3.3V) input terminal
97	AVCC	-	Power supply terminal (+3.3V)
98 to 100	NC	O	Not used

DIGITAL VIDEO BOARD IC3506 SII9135CTU (HDMI RECEIVER)

Pin No.	Pin Name	I/O	Description
1 to 3	Q10 to Q8	O	Serial data output to the HDMI transceiver and video processor
4	IOGND	-	Ground terminal
5	ODCK	O	Output data clock signal output to the HDMI transceiver and video processor
6	IOVCC33	-	Power supply terminal (+3.3V)
7 to 10	Q7 to Q4	O	Serial data output to the HDMI transceiver and video processor
11	CGND	-	Ground terminal
12	CVCC18	-	Power supply terminal (+1.8V)
13 to 16	Q3 to Q0	O	Serial data output to the HDMI transceiver
17	IOGND	-	Ground terminal
18	IOVCC33	-	Power supply terminal (+3.3V)
19	DE	O	Data enable signal output to the HDMI transceiver and video processor
20	HSYNC	O	Horizontal sync signal output to the HDMI transceiver and video processor
21	VSYNC	O	Vertical sync signal output to the HDMI transceiver and video processor
22	EVNODD	-	Not used
23	CGND	-	Ground terminal
24, 25	CVCC18	-	Power supply terminal (+1.8V)
26	CSDA	I/O	I2C data bus with the HDMI controller, EEPROM and HDMI transceiver
27	CSCL	I	I2C clock signal input from the HDMI controller
28	DSDA1	I/O	I2C data bus with the HDMI VIDEO 1 IN connector and EEPROM
29	DSCL1	I	I2C clock signal input from the HDMI VIDEO 1 IN connector
30	R1PWR5V	I	Power supply voltage (+5V) input from the HDMI VIDEO 1 IN connector
31	IOGND	-	Ground terminal
32	IOVCC33	-	Power supply terminal (+3.3V)
33	DSDA0	I/O	I2C data bus with the HDMI input selector and EEPROM
34	DSCL0	I	I2C clock signal input from the HDMI input selector
35	R0PWR5V	I	Power supply voltage (+5V) input from the HDMI connector
36	AGND	-	Ground terminal
37	AVCC18	-	Power supply terminal (+1.8V)
38	AVCC33	-	Power supply terminal (+3.3V)
39	R0XC-	I	TMDS clock (negative) signal input from the HDMI input selector
40	R0XC+	I	TMDS clock (positive) signal input from the HDMI input selector
41	AGND	-	Ground terminal
42	AVCC33	-	Power supply terminal (+3.3V)
43	R0X0-	I	TMDS data (negative) input from the HDMI input selector
44	R0X0+	I	TMDS data (positive) input from the HDMI input selector
45	AGND	-	Ground terminal
46	AVCC33	-	Power supply terminal (+3.3V)
47	R0X1-	I	TMDS data (negative) input from the HDMI input selector
48	R0X1+	I	TMDS data (positive) input from the HDMI input selector
49	AGND	-	Ground terminal
50	AVCC33	-	Power supply terminal (+3.3V)
51	R0X2-	I	TMDS data (negative) input from the HDMI input selector
52	R0X2+	I	TMDS data (positive) input from the HDMI input selector
53	AGND	-	Ground terminal
54	AVCC18	-	Power supply terminal (+1.8V)
55	RSVDNC	-	Not used
56	AVCC33	-	Power supply terminal (+3.3V)
57	R1XC-	I	TMDS clock (negative) signal input from the HDMI VIDEO 1 IN connector
58	R1XC+	I	TMDS clock (positive) signal input from the HDMI VIDEO 1 IN connector
59	AGND	-	Ground terminal
60	AVCC33	-	Power supply terminal (+3.3V)
61	R1X0-	I	TMDS data (negative) input from the HDMI VIDEO 1 IN connector
62	R1X0+	I	TMDS data (positive) input from the HDMI VIDEO 1 IN connector
63	AGND	-	Ground terminal
64	AVCC33	-	Power supply terminal (+3.3V)

Pin No.	Pin Name	I/O	Description
65	R1X1-	I	TMDS data (negative) input from the HDMI VIDEO 1 IN connector
66	R1X1+	I	TMDS data (positive) input from the HDMI VIDEO 1 IN connector
67	AGND	-	Ground terminal
68	AVCC33	-	Power supply terminal (+3.3V)
69	R1X2-	I	TMDS data (negative) input from the HDMI VIDEO 1 IN connector
70	R1X2+	I	TMDS data (positive) input from the HDMI VIDEO 1 IN connector
71	AGND	-	Ground terminal
72	AVCC18	-	Power supply terminal (+1.8V)
73	IOGND	-	Ground terminal
74	IOVCC33	-	Power supply terminal (+3.3V)
75	MUTEOUT	O	Audio muting control signal output terminal
76, 77	RSVDNC	-	Not used
78	SPDIF	O	S/PDIF signal output to the digital audio interface receiver and HDMI transceiver
79	CGND	-	Ground terminal
80	CVCC18	-	Power supply terminal (+1.8V)
81 to 84	SD0 to SD3	O	PCM audio signal output to the HDMI transceiver and DSP
85	WS	O	L/R sampling clock signal output to the HDMI transceiver, DSP and system controller
86	SCK	O	Bit clock signal output to the HDMI transceiver and DSP
87	IOGND	-	Ground terminal
88	IOVCC33	-	Power supply terminal (+3.3V)
89	MCLK	O	Master clock signal output to the HDMI transceiver and DSP
90	CGND	-	Ground terminal
91	CVCC18	-	Power supply terminal (+1.8V)
92	DVCC18	-	Power supply terminal (+1.8V)
93	DGND2	-	Ground terminal
94	XTALOUT	O	System clock output terminal (28.322 MHz)
95	XTALIN	I	System clock input terminal (28.322 MHz)
96	XTALVCC	-	Power supply terminal (+3.3V)
97	REGVCC	-	Power supply terminal (+3.3V)
98	RSVDNC	-	Not used
99	RSVDL	-	Not used
100	RESET#	I	Reset signal input from the HDMI controller "L": reset
101	SCDT	-	Not used
102	INT	O	Interrupt signal output to the HDMI controller
103	IOGND	-	Ground terminal
104	IOVCC33	-	Power supply terminal (+3.3V)
105	CI2CA	-	Not used
106	CGND	-	Ground terminal
107	CVCC18	-	Power supply terminal (+1.8V)
108 to 111	Q35 to Q32	O	Serial data output to the HDMI transceiver and video processor
112	IOGND	-	Ground terminal
113	IOVCC33	-	Power supply terminal (+3.3V)
114 to 117	Q31 to Q28	O	Serial data output to the HDMI transceiver and video processor
118	CGND	-	Ground terminal
119	CVCC18	-	Power supply terminal (+1.8V)
120 to 123	Q27 to Q24	O	Serial data output to the HDMI transceiver
124	IOGND	-	Ground terminal
125	IOVCC33	-	Power supply terminal (+3.3V)
126 to 129	Q23 to Q20	O	Serial data output to the HDMI transceiver and video processor
130	CGND	-	Ground terminal
131	CVCC	-	Power supply terminal (+1.8V)
132 to 135	Q19 to Q16	O	Serial data output to the HDMI transceiver and video processor
136	IOGND	-	Ground terminal
137	IOVCC33	-	Power supply terminal (+3.3V)
138 to 141	Q15 to Q12	O	Serial data output to the HDMI transceiver
142	CGND	-	Ground terminal

Pin No.	Pin Name	I/O	Description
143	CVCC18	-	Power supply terminal (+1.8V)
144	Q11	O	Serial data output to the HDMI transceiver and video processor

DIGITAL VIDEO BOARD IC3508 SII9134CTU (HDMI TRANSCEIVER)

Pin No.	Pin Name	I/O	Description
1	DE	I	Data enable signal input from the HDMI receiver
2	HSYNC	I	Horizontal sync signal input from the HDMI receiver
3	VSYNC	I	Vertical sync signal input from the HDMI receiver
4	SPDIF	I	S/PDIF signal input from the HDMI receiver
5	MCLK	I	Master clock signal input from the HDMI receiver
6 to 9	SD3 to SD0	I	PCM audio signal input from the HDMI receiver
10	WS	I	L/R sampling clock signal input from the HDMI receiver
11	SCK	I	Bit clock signal input from the HDMI receiver
12	CVCC18	-	Power supply terminal (+1.8V)
13	GND	-	Ground terminal
14	IOVCC33	-	Power supply terminal (+3.3V)
15	DCLK	I	Not used
16	DR0	I	Not used
17	DL0	I	Not used
18	DR1	I	Not used
19	DL1	I	Not used
20	DR2	I	Not used
21	DL2	I	Not used
22	DR3	I	Not used
23	DL3	I	Not used
24	INT	O	Interrupt signal output to the HDMI controller
25	RESET#	I	Reset signal input from the HDMI controller "L": reset
26	AGND	-	Ground terminal
27	EXT_SWG	-	Not used
28	PVCC1	-	Power supply terminal (+1.8V)
29	AGND	-	Ground terminal
30	TXC-	O	TMDS clock (negative) output to the HDMI OUT connector
31	TXC+	O	TMDS clock (positive) output to the HDMI OUT connector
32	AVCC18	-	Power supply terminal (+1.8V)
33	TX0-	O	TMDS data (negative) output to the HDMI OUT connector
34	TX0+	O	TMDS data (positive) output to the HDMI OUT connector
35	AGND	-	Ground terminal
36	TX1-	O	TMDS data (negative) output to the HDMI OUT connector
37	TX1+	O	TMDS data (positive) output to the HDMI OUT connector
38	AVCC18	-	Power supply terminal (+1.8V)
39	TX2-	O	TMDS data (negative) output to the HDMI OUT connector
40	TX2+	O	TMDS data (positive) output to the HDMI OUT connector
41	AGND	-	Ground terminal
42	PVCC2	-	Power supply terminal (+1.8V)
43	AGND	-	Ground terminal
44	AVCC33	-	Power supply terminal (+3.3V)
45	DCCPWR5V	I	Power supply voltage (+5V) input terminal
46	DSCL	O	I2C clock signal output to the HDMI OUT connector
47	DSDA	I/O	I2C data bus with the HDMI OUT connector
48	CSCL	I	I2C clock signal input from the HDMI controller
49	CSDA	I/O	I2C data bus with the HDMI controller, EEPROM, and HDMI receiver
50	CI2CA	-	Not used
51	HPD	I	Hot plug detection signal input from the HDMI OUT connector
52	TMODE	-	Not used
53	IOVCC33	-	Power supply terminal (+3.3V)
54	GND	-	Ground terminal
55	VPP18	-	Power supply terminal (+1.8V)
56 to 63	D35 to D28	I	Serial data input from the HDMI receiver
64	CVCC18	-	Power supply terminal (+1.8V)
65	GND	-	Ground terminal

Pin No.	Pin Name	I/O	Description
66	IOVCC33	-	Power supply terminal (+3.3V)
67 to 75	D27 to D19	I	Serial data input from the HDMI receiver
76	CVCC18	-	Power supply terminal (+1.8V)
77 to 86	D18 to D9	I	Serial data input from the HDMI receiver
87	GND	-	Ground terminal
88	IDCK	I	Output data clock signal input from the HDMI receiver
89	IOVCC33	-	Power supply terminal (+3.3V)
90 to 98	D8 to D0	I	Serial data input from the HDMI receiver
99	CVCC18	-	Power supply terminal (+1.8V)
100	GND	-	Ground terminal

DIGITAL VIDEO BOARD IC3601 FLI8638-LF (VIDEO PROCESSOR)

Pin No.	Pin Name	I/O	Description
A1	NC	-	Not used
A2	MSTR1_SDA	O	Power detection signal output to the system controller
A3	MSTR1_SCL	O	Busy signal output to the system controller
A4, A5	FSDATA1, FSDATA3	I/O	Two-way data bus with the SD-RAM
A6	FSDQM0	O	Data mask signal output to the SD-RAM (upper byte)
A7 to A10	FSDATA5, FSDATA7, FSDATA9, FSDATA11	I/O	Two-way data bus with the SD-RAM
A11	FSDQM1	O	Data mask signal output to the SD-RAM (lower byte)
A12, A13	FSDATA13, FSDATA15	I/O	Two-way data bus with the SD-RAM
A14	VDDA18_DLL	-	Power supply terminal (+1.8V)
A15, A16	FSDATA17, FSDATA19	I/O	Two-way data bus with the SD-RAM
A17	FSDQS2	O	Data strobe signal output to the SD-RAM (upper byte)
A18 to A21	FSDATA21, FSDATA23, FSDATA25, FSDATA27	I/O	Two-way data bus with the SD-RAM
A22	FSDQS3	O	Data strobe signal output to the SD-RAM (lower byte)
A23, A24	FSDATA29, FSDATA31	I/O	Two-way data bus with the SD-RAM
A25, A26	RPLL_AGND	-	Ground terminal
B1	BDATA0	I	Digital video (blue) signal input terminal Not used
B2	OCM_UDO_1	O	UART communication transfer data output to the system controller
B3	OCM_UDI_1	I	UART communication transfer data input from the system controller
B4, B5	FSDATA0, FSDATA2	I/O	Two-way data bus with the SD-RAM
B6	FSDQS0	O	Data strobe signal output to the SD-RAM (upper byte)
B7 to B10	FSDATA4, FSDATA6, FSDATA8, FSDATA10	I/O	Two-way data bus with the SD-RAM
B11	FSDQS1	O	Data strobe signal output to the SD-RAM (lower byte)
B12, B13	FSDATA12, FSDATA14	I/O	Two-way data bus with the SD-RAM
B14	VSSA18_DLL	-	Ground terminal
B15, B16	FSDATA16, FSDATA18	I/O	Two-way data bus with the SD-RAM
B17	FSDQM2	O	Data mask signal output to the SD-RAM (upper byte)
B18 to B21	FSDATA20, FSDATA22, FSDATA24, FSDATA26	I/O	Two-way data bus with the SD-RAM
B22	FSDQM3	O	Data mask signal output to the SD-RAM (lower byte)
B23, B24	FSDATA28, FSDATA30	I/O	Two-way data bus with the SD-RAM
B25	RPLL_DGND	-	Ground terminal
B26	XTAL	O	System clock output terminal (19.6608 MHz)
C1 to C3	BDATA3 to BDATA1	I	Digital video (blue) signal input terminal Not used
C4	FSCKE	O	Clock enable signal output to the SD-RAM
C5	FSCLKN	O	Clock signal (negative) output to the SD-RAM
C6 to C8	FSADDR8 to FSADDR6	O	Address signal output to the SD-RAM
C9	FSVREF	O	Reference voltage output to the SD-RAM
C10 to C18	FSADDR5, FSADDR12, FSADDR9, FSADDR4, FSADDR11, FSADDR3 to FSADDR0	O	Address signal output to the SD-RAM
C19	FSVREF	O	Reference voltage output to the SD-RAM
C20, C21	FSBKSEL1, FSBKSEL0	O	Bank select signal output to the SD-RAM
C22	FSCS1	O	Chip select signal output terminal Not used
C23	FSWE	O	Write enable signal output to the SD-RAM
C24	FSRAS	O	Row address strobe signal output to the SD-RAM
C25	RPLL_1.8V	-	Power supply terminal (+1.8V)
C26	TCLK	I	System clock input terminal (19.6608 MHz)
D1 to D3	BDATA6 to BDATA4	I	Digital video (blue) signal input terminal Not used
D4	DDR_2.5V	-	Power supply terminal (+2.5V)
D5	FSCLKP	O	Clock signal (positive) output to the SD-RAM
D6 to D8	DDR_2.5V	-	Power supply terminal (+2.5V)
D9	FSVREFVSS	-	Ground terminal
D10 to D15	DDR_2.5V	-	Power supply terminal (+2.5V)

Pin No.	Pin Name	I/O	Description
D16	FSADDR10	O	Address signal output to the SD-RAM
D17, D18	DDR_2.5V	-	Power supply terminal (+2.5V)
D19	FSVREFVSS	-	Ground terminal
D20	DDR_2.5V	-	Power supply terminal (+2.5V)
D21	FSCS0	O	Chip select signal output to the SD-RAM
D22, D23	DDR_2.5V	-	Power supply terminal (+2.5V)
D24	FSCAS	O	Column address strobe signal output to the SD-RAM
D25	NC	-	Not used
D26	RPLL_3.3V	-	Power supply terminal (+3.3V)
E1, E2	BDATA9, BDATA8	I	Digital video (green) signal input terminal Not used
E3	BDATA7	I	Digital video (blue) signal input terminal Not used
E4	IO_3.3V	-	Power supply terminal (+3.3V)
E23, E24	PD22, PD23	I/O	Serial data input from the HDMI receiver and serial data output to the HDMI transceiver and D/A converter (for video section)
E25	LVDS_GND	-	Ground terminal
E26	LVDS_3.3V	-	Power supply terminal (+3.3V)
F1 to F3	BDATA12 to BDATA10	I	Digital video (green) signal input terminal Not used
F4	IO_3.3V	-	Power supply terminal (+3.3V)
F23 to F26	PD18 to PD21	I/O	Serial data input from the HDMI receiver and serial data output to the HDMI transceiver and D/A converter (for video section)
G1 to G3	BDATA15 to BDATA13	I	Digital video (green) signal input terminal Not used
G4	IO_3.3V	-	Power supply terminal (+3.3V)
G23 to G26	PD14 to PD17	I/O	Serial data input from the HDMI receiver and serial data output to the HDMI transceiver and D/A converter (for video section)
H1 to H3	BDATA18 to BDATA16	I	Digital video (red) signal input terminal Not used
H4	IO_3.3V	-	Power supply terminal (+3.3V)
H23	LVDS_PLL_GND	-	Ground terminal
H24	LVDS_PLL_3.3V	-	Power supply terminal (+3.3V)
H25	LVDS_GND	-	Ground terminal
H26	LVDS_3.3V	-	Power supply terminal (+3.3V)
J1 to J3	BDATA21 to BDATA19	I	Digital video (red) signal input terminal Not used
J4	IO_3.3V	-	Power supply terminal (+3.3V)
J23, J24	PD12, PD13	I/O	Serial data input from the HDMI receiver and serial data output to the HDMI transceiver and D/A converter
J25	LVDS_GND	-	Ground terminal
J26	LVDS_3.3V	-	Power supply terminal (+3.3V)
K1	BHREF_DE	I	Blanking period signal input terminal Not used
K2, K3	BDATA23, BDATA22	I	Digital video (red) signal input terminal Not used
K4	IO_3.3V	-	Power supply terminal (+3.3V)
K10, K11	CORE_1.8V	-	Power supply terminal (+1.8V)
K12 to K15	D_GND	-	Ground terminal
K16, K17	CORE_1.8V	-	Power supply terminal (+1.8V)
K23 to K26	PD8 to PD11	I/O	Serial data input from the HDMI receiver and serial data output to the HDMI transceiver and D/A converter
L1	IPCLK3	I	Clock signal input terminal Not used
L2	BVS	I	Vertical sync signal input terminal Not used
L3	BHS	I	Horizontal sync signal input terminal Not used
L4	IO_3.3V	-	Power supply terminal (+3.3V)
L10	D_GND	-	Ground terminal
L11	CORE_1.8V	-	Power supply terminal (+1.8V)
L12 to L15	D_GND	-	Ground terminal
L16	CORE_1.8V	-	Power supply terminal (+1.8V)
L17	D_GND	-	Ground terminal
L23 to L26	PD4 to PD7	I/O	Serial data input from the HDMI receiver and serial data output to the HDMI transceiver
M1	DIP_CLEAN_HS_OUT	O	Horizontal sync signal output terminal Not used
M2	DIP_EXT_CLAMP	-	Not used
M3	DIP_EXT_COAST	-	Not used
M4	IPCLK2	I	Clock signal input terminal Not used
M10 to M17	D_GND	-	Ground terminal

Pin No.	Pin Name	I/O	Description
M23	IO_3.3V	-	Power supply terminal (+3.3V)
M24, M25	LVDS_GND	-	Ground terminal
M26	LVDS_3.3V	-	Power supply terminal (+3.3V)
N1	IPCLK0	I	Clock signal input terminal Not used
N2	DIP_RAW_HS_CS	-	Not used
N3	DIP_AODD	-	Not used
N4	DIP_BODD	-	Not used
N10 to N17	D_GND	-	Ground terminal
N23 to N26	PD0 to PD3	I/O	Serial data input from the HDMI receiver and serial data output to the HDMI transceiver
P1 to P3	ADATA2 to ADATA0	-	Not used
P4	IPCLK1	I	Clock signal input terminal Not used
P10 to P17	D_GND	-	Ground terminal
P23	IO_3.3V	-	Power supply terminal (+3.3V)
P24	DCLK	I	Output data clock signal input from the HDMI receiver
P25	DHS	I	Horizontal sync signal input from the HDMI receiver
P26	DEN	I	Data enable signal input from the HDMI receiver
R1 to R4	ADATA6 to ADATA3	-	Not used
R10 to R17	D_GND	-	Ground terminal
R23	JTAG_BS_TDI	-	Not used
R24	JTAG_BS_RST	-	Not used
R25	JTAG_BS_TCK	-	Not used
R26	DVS	I	Vertical sync signal input from the HDMI receiver
T1 to T4	ADATA10 to ADATA7	-	Not used
T10	D_GND	-	Ground terminal
T11	CORE_1.8V	-	Power supply terminal (+1.8V)
T12 to T15	D_GND	-	Ground terminal
T16, T17	CORE_1.8V	-	Power supply terminal (+1.8V)
T23	IO_3.3V	-	Power supply terminal (+3.3V)
T24	JTAG_BS_TMS	-	Not used
T25	JTAG_BS_TDO	-	Not used
T26	GPIO_44	-	Not used
U1 to U4	ADATA14 to ADATA11	-	Not used
U10, U11	CORE_1.8V	-	Power supply terminal (+1.8V)
U12 to U15	D_GND	-	Ground terminal
U16, U17	CORE_1.8V	-	Power supply terminal (+1.8V)
U23, U24	PWM1, PWM2	-	Not used
U25	PPWR	-	Not used
U26	PBIAS	-	Not used
V1 to V4	ADATA18 to ADATA15	-	Not used
V23	IO_3.3V	-	Power supply terminal (+3.3V)
V24	PWM0	-	Not used
V25	SLAVE_SDA	-	Not used
V26	SLAVE_SCL	-	Not used
W1 to W4	ADATA22 to ADATA19	-	Not used
W23	OCM_INT1	-	Not used
W24	OCM_TIMER1	-	Not used
W25	OCM_UDI_0	-	Not used
W26	ODM_UDO_0	-	Not used
Y1	AVS	-	Not used
Y2	AHS	-	Not used
Y3	AHREF_DE	-	Not used
Y4	ADATA23	-	Not used
Y23	IO_3.3V	-	Power supply terminal (+3.3V)
Y24	OCM_INT2	-	Not used
Y25	VGA1_SDA	-	Not used
Y26	VGA1_SCL	-	Not used

Pin No.	Pin Name	I/O	Description
AA1	NC	-	Not used
AA2 to AA4	DGND_ADC	-	Ground terminal
AA23	MSTR0_SDA	I/O	Two-way data bus with the EEPROM
AA24	MSTR0_SCL	O	Serial clock signal output to the EEPROM
AA25	VGA0_SDA	-	Not used
AA26	VGA0_SCL	-	Not used
AB1	A1P	I	Video signal (PR/CR) input from the video input selector (for component video signal)
AB2	SV1P	-	Not used
AB3	AGND_ADC	-	Ground terminal
AB4	ADC_1.8V	-	Power supply terminal (+1.8V)
AB23	IO_3.3V	-	Power supply terminal (+3.3V)
AB24	IRO	-	Not used
AB25	MSTR2_SDA	I/O	Not used
AB26	MSTR2_SCL	O	Not used
AC1	C1P	I	Video signal input (Y) from the video input selector (for component video signal)
AC2	B1P	I	Video signal (PB/CB) input from the video input selector (for component video signal)
AC3	AGND_ADC	-	Ground terminal
AC4, AC5	ADC_1.8V	-	Power supply terminal (+1.8V)
AC6	AGND_ADC	-	Ground terminal
AC7	VOUT2	-	Not used
AC8	AGND_ADC	-	Ground terminal
AC9	LBADC_3.3V	-	Power supply terminal (+3.3V)
AC10	LBADC_IN4	-	Not used
AC11	LBADC_GND	-	Ground terminal
AC12	AVSIN_DATA	-	Not used
AC13	EXTOSD_HS	-	Not used
AC14	IO_3.3V	-	Power supply terminal (+3.3V)
AC15	OCMADDR18	O	Address signal output to the flash memory
AC16	IO_3.3V	-	Power supply terminal (+3.3V)
AC17	OCMADDR11	O	Address signal output to the flash memory
AC18	IO_3.3V	-	Power supply terminal (+3.3V)
AC19	OCMADDR4	O	Address signal output to the flash memory
AC20	IO_3.3V	-	Power supply terminal (+3.3V)
AC21	OCMDATA13	I/O	Two-way data bus with the flash memory
AC22	IO_3.3V	-	Power supply terminal (+3.3V)
AC23	OCMDATA6	I/O	Two-way data bus with the flash memory
AC24	OCM_CS2N	O	Chip select signal output terminal Not used
AC25	OCN_RE_N	O	Read enable signal output to the flash memory
AC26	OCN_WE_N	O	Write enable signal output to the flash memory
AD1	AN	-	Not used
AD2	AGND_ADC	-	Ground terminal
AD3 to AD5	ADC1_3.3V	-	Power supply terminal (+3.3V)
AD6, AD7	ADC2_3.3V	-	Power supply terminal (+3.3V)
AD8	AGND_ADC	-	Ground terminal
AD9	RESET	I	Reset signal input from the system controller "L": reset
AD10	LBADC_IN3	-	Not used
AD11	LBADC_RETURN	-	Not used
AD12	AVSIN_WORDSEL	-	Not used
AD13	EXTOSD_VS	-	Not used
AD14	AVSOUT_DATA	-	Not used
AD15 to AD20	OCMADDR19, OCMADDR15, OCMADDR12, OCMADDR8, OCMADDR5, OCMADDR1	O	Address signal output to the flash memory
AD21 to AD23	OCMDATA14, OCMDATA10, OCMDATA7	I/O	Two-way data bus with the flash memory
AD24	ROM_CS_N	O	Chip enable signal output to the flash memory

Pin No.	Pin Name	I/O	Description
AD25, AD26	OCM_CS0N, OCM_CS1N	O	Chip select signal output terminal Not used
AE1	SV2P	-	Not used
AE2	B2P	I	Video signal input terminal Not used
AE3	AGND_ADC	-	Ground terminal
AE4	SV3P	-	Not used
AE5	B3P	I	Video signal input terminal Not used
AE6	AGND_ADC	-	Ground terminal
AE7	SV4P	-	Not used
AE8	BN2	-	Not used
AE9	AGND_ADC	-	Ground terminal
AE10, AE11	LBADC_IN2, LBADC_IN6	-	Not used
AE12	AIP_RAW_VS	-	Not used
AE13	AVSOUT_SCL	-	Not used
AE14	AVSOUT_WORDSEL	-	Not used
AE15 to AE20	OCMADDR20, OCMADDR16, OCMADDR13, OCMADDR9, OCMADDR6, OCMADDR2	O	Address signal output to the flash memory
AE21 to AE26	OCMDATA15, OCMDATA11, OCMDATA8, OCMDATA2 to OCMDATA0	I/O	Two-way data bus with the flash memory
AF1	A2P	I	Video signal input terminal Not used
AF2	C2P	I	Video signal input terminal Not used
AF3	BN	-	Not used
AF4	A3P	I	Video signal (CVBS) input from video input selector (for component video signal)
AF5	C3P	I	Video signal input terminal Not used
AF6	CN	-	Not used
AF7	AN2	-	Not used
AF8	CN2	-	Not used
AF9	SVN	-	Not used
AF10, AF11	LBADC_IN1, LBADC_IN5	-	Not used
AF12	AIP_RAW_HS_CS	-	Not used
AF13	EXTOSD_CLK	-	Not used
AF14	AVSIN_SCL	-	Not used
AF15 to AF20	OCMADDR21, OCMADDR17, OCMADDR14, OCMADDR10, OCMADDR7, OCMADDR3	O	Address signal output to the flash memory
AF21	OCMADDR0	O	Address signal output terminal Not used
AE22 to AE26	OCMDATA12, OCMDATA9 OCMDATA5 to OCMDATA3	I/O	Two-way data bus with the flash memory

DSP BOARD IC5021 D790E002BZDH300 (DSP)

Pin No.	Pin Name	I/O	Description
A1	VSS	-	Ground terminal
A2	DVDD	-	Power supply terminal (+3.3V) (for IO)
A3	AFSX0	O	L/R sampling clock signal output to the D/A converter
A4	ACLKX0	O	Bit clock signal output to the D/A converter
A5	ACLKR0	I	Bit clock signal input from the digital audio interface receiver and HDMI receiver
A6	AXR0[14]/AXR2[1]	I	PCM audio signal input from the HDMI receiver
A7	VSS	-	Ground terminal
A8	AXR0[11]/AXR1[2]	I	PCM audio signal input from the A/D converter
A9	AXR0[9]/AXR1[4]/ SPI1_SIMO	I/O	Not used
A10	VSS	-	Ground terminal
A11	AXR0[6]/SPI1_ENA#	I/O	Not used
A12	AXR0[4]	I/O	Not used
A13, A14	AXR0[2], AXR0[0]	O	PCM audio signal output to the D/A converter
A15	DVDD	-	Power supply terminal (+3.3V) (for IO)
A16	VSS	-	Ground terminal
B1	DVDD	-	Power supply terminal (+3.3V) (for IO)
B2	UHPI_HBE[3]#	I	Not used
B3	AHCLKR0/AHCLKR1	I/O	Not used
B4	AFSR0	I	L/R sampling clock signal input from the digital audio interface receiver and HDMI receiver
B5 to B7	AXR0[15]/AXR2[0], AXR0[13]/AXR1[0], AXR0[12]/AXR1[1]	I	PCM audio signal input from the HDMI receiver
B8	AXR0[10]/AXR1[3]	I	PCM audio signal input from the digital audio interface receiver
B9	AXR0[8]/AXR1[5]/ SPI1_SOMI	I/O	Not used
B10	AXR0[7]/SPI1_CLK	I/O	Not used
B11	AXR0[5]/SPI1_SCS#	I/O	Not used
B12, B13	AXR0[3], AXR0[1]	O	PCM audio signal output to the D/A converter
B14	SPI0_SOMI	O	Serial data output to the system controller
B15	SPI0_SIMO	I	Serial data input from the system controller
B16	DVDD	-	Power supply terminal (+3.3V) (for IO)
C1	AMUTE0	O	Not used
C2	AHCLKX0/AHCLKX2	I	Master clock signal input from the digital audio interface receiver and HDMI receiver
C3	UHPI_HD[23]	I/O	Not used
C4 to C6	UHPI_HBE[2]# to HPI_HBE[0]	I	Not used
C7	UHPI_HDS[2]#	I/O	Not used
C8	UHPI_HCS#	I/O	Not used
C9	UHPI_HAS#	I/O	Not used
C10	UHPI_HCNTL[1]	I/O	Not used
C11	AFSX2	I	Error signal input from the digital audio interface receiver, HDMI receiver and HDMI controller
C12	AFSR2	I	PCM audio data input from the digital audio interface receiver
C13	ACLKR2	I/O	Not used
C14	AHCLKR2	I/O	Not used
C15	SPI0_SCS#	I	Chip select signal input from the system controller
C16	SPI0_CLK	I	Serial data transfer clock signal input from the system controller
D1	AHCLKX1	I/O	Not used
D2	AMUTE1	O	Not used
D3	UHPI_HD[22]	I/O	Not used
D4, D5	DVDD	-	Power supply terminal (+3.3V) (for IO)
D6	UHPI_HRDY#	I	Not used
D7	UHPI_HDS[1]#	I/O	Not used
D8	UHPI_HRW	I	Not used
D9	UHPI_HCNTL[0]	I	Not used
D10	AMUTE2/HINT#	O	Not used

Pin No.	Pin Name	I/O	Description
D11	ACLKX2	O	Interrupt signal output to the system controller
D12, D13	DVDD	-	Power supply terminal (+3.3V) (for IO)
D14	EM_WAIT	I	Not used
D15	EM_OE#	O	Not used
D16	SPI0_ENA#	I	Chip enable signal input from the system controller
E1	ACLKR1	I	Bit clock signal input from the digital audio interface receiver and HDMI receiver
E2	ACLKX1	O	Bit clock signal output to the D/A converter
E3	UHPI_HD[21]	I/O	Not used
E4	DVDD	-	Power supply terminal (+3.3V) (for IO)
E5	VSS	-	Ground terminal
E6 to E11	CVDD	-	Power supply terminal (+1.26V) (for core)
E12	VSS	-	Ground terminal
E13	DVDD	-	Power supply terminal (+3.3V) (for IO)
E14	UHPI_HD[8]	I/O	Not used
E15	EM_CS[2]#	O	Not used
E16	EM_RW	O	Not used
F1	AFSR1	I	L/R sampling clock signal input from the digital audio interface receiver and HDMI receiver
F2	AFSX1	O	L/R sampling clock signal output to the D/A converter
F3, F4	UHPI_HD[19], UHPI_HD[20]	I/O	Not used
F5 to F12	VSS	-	Ground terminal
F13, F14	UHPI_HD[10], UHPI_HD[9]	I/O	Not used
F15	EM_CS[0]#	O	Chip select signal output to the SD-RAM
F16	EM_RAS#	O	Row address strobe signal output to the SD-RAM
G1	VSS	-	Ground terminal
G2	RESET#	I	Reset signal input from the system controller "L": reset
G3, G4	UHPI_HD[17], UHPI_HD[18]	I/O	Not used
G5	CVDD	-	Power supply terminal (+1.26V) (for core)
G6 to G11	VSS	-	Ground terminal
G12	CVDD	-	Power supply terminal (+1.26V) (for core)
G13, G14	UHPI_HD[12], UHPI_HD[11]	I/O	Not used
G15	EM_BA[0]	O	Bank address signal output to the SD-RAM
G16	VSS	-	Ground terminal
H1	UHPI_HD[16]	I/O	Not used
H2	CLKIN	I	Not used
H3	VSS	-	Ground terminal
H4	UHPI_HD[31]	I/O	Not used
H5	CVDD	-	Power supply terminal (+1.26V) (for core)
H6 to H11	VSS	-	Ground terminal
H12	CVDD	-	Power supply terminal (+1.26V) (for core)
H13, H14	UHPI_HD[14], UHPI_HD[13]	I/O	Not used
H15	EM_A[10]	O	Address signal output to the SD-RAM
H16	EM_BA[1]	O	Bank address signal output to the SD-RAM
J1	OSCVSS	-	Ground terminal for oscillator
J2	OSCIN	I	System clock input terminal (25 MHz)
J3	OSCOUT	O	System clock output terminal (25 MHz)
J4	OSCVDD	-	Power supply terminal for oscillator
J5	CVDD	-	Power supply terminal (+1.26V) (for core)
J6 to J11	VSS	-	Ground terminal
J12	CVDD	-	Power supply terminal (+1.26V) (for core)
J13	UHPI_HD[15]	I/O	Not used
J14	DVDD	-	Power supply terminal (+3.3V) (for IO)
J15, J16	EM_A[1], EM_A[0]	O	Address signal output to the SD-RAM

Pin No.	Pin Name	I/O	Description
K1	VSS	-	Ground terminal
K2	PLLHV	-	Power supply terminal (+3.3V) (for PLL)
K3	TMS	I	Test mode selection signal input terminal (for JTAG)
K4	TRST#	I	Test reset signal input terminal (for JTAG)
K5	CVDD	-	Power supply terminal (+1.26V) (for core)
K6 to K11	VSS	-	Ground terminal
K12	CVDD	-	Power supply terminal (+1.26V) (for core)
K13, K14	UHPI_HD[0], UHPI_HD[1]	I/O	Not used
K15	EM_A[2]	O	Address signal output to the SD-RAM
K16	VSS	-	Ground terminal
L1	TDI	I	Test data input terminal (for JTAG)
L2 to L4	UHPI_HD[30] to UHPI_HD[28]	I/O	Not used
L5 to L12	VSS	-	Ground terminal
L13, L14	UHPI_HD[3], UHPI_HD[4]	I/O	Not used
L15, L16	EM_A[4], EM_A[3]	O	Address signal output to the SD-RAM
M1	EMU[0]#	I/O	Emulation terminal
M2	TDO	O	Test data output terminal (for JTAG)
M3	UHPI_HD[27]	I/O	Not used
M4	DVDD	-	Power supply terminal (+3.3V) (for IO)
M5	VSS	-	Ground terminal
M6 to M11	CVDD	-	Power supply terminal (+1.26V) (for core)
M12	VSS	-	Ground terminal
M13	DVDD	-	Power supply terminal (+3.3V) (for IO)
M14	UHPI_HD[2]	I/O	Not used
M15, M16	EM_A[6], EM_A[5]	O	Address signal output to the SD-RAM
N1	EMU[1]#	I/O	Emulation terminal
N2, N3	UHPI_HD[25], UHPI_HD[26]	I/O	Not used
N4	EM_D[22]	I/O	Two-way data bus with the SD-RAM
N5	DVDD	-	Power supply terminal (+3.3V) (for IO)
N6 to N11	EM_D[18], EM_D[16], EM_D[30], EM_D[29], EM_D[27], EM_D[25]	I/O	Two-way data bus with the SD-RAM
N12	DVDD	-	Power supply terminal (+3.3V) (for IO)
N13, N14	UHPI_HD[5], UHPI_HD[6]	I/O	Not used
N15, N16	EM_A[8], EM_A[7]	O	Address signal output to the SD-RAM
P1	TCK	I	Test clock signal input terminal (for JTAG)
P2	UHPI_HD[24]	I/O	Not used
P3 to P7	EM_D[21] to EM_D[19], EM_D[17], EM_D[31]	I/O	Two-way data bus with the SD-RAM
P8	DVDD	-	Power supply terminal (+3.3V) (for IO)
P9 to P11	EM_D[28], EM_D[26], EM_D[24]	I/O	Two-way data bus with the SD-RAM
P12	EM_A[12]	O	Address signal output terminal Not used
P13	EM_DQM[2]	O	Byte enable signal output to the SD-RAM
P14	UHPI_HD[7]	I/O	Not used
P15	EM_A[11]	O	Address signal output terminal Not used
P16	EM_A[9]	O	Address signal output to the SD-RAM
R1	DVDD	-	Power supply terminal (+3.3V) (for IO)
R2	EM_D[23]	I/O	Two-way data bus with the SD-RAM
R3	EM_CAS#	O	Column address strobe signal output to the SD-RAM
R4	EM_DQM[0]	O	Byte enable signal output to the SD-RAM

Pin No.	Pin Name	I/O	Description
R5 to R13	EM_D[6], EM_D[4], EM_D[2], EM_D[1], EM_D[15], EM_D[13], EM_D[12], EM_D[10], EM_D[8]	I/O	Two-way data bus with the SD-RAM
R14	EM_CLK	O	Clock signal output to the SD-RAM
R15	EM_DQM[3]	O	Byte enable signal output to the SD-RAM
R16	DVDD	-	Power supply terminal (+3.3V) (for IO)
T1	VSS	-	Ground terminal
T2	DVDD	-	Power supply terminal (+3.3V) (for IO)
T3	EM_WE#	O	Write enable signal output to the SD-RAM
T4 to T6	EM_D[7], EM_D[5], EM_D[3]	I/O	Two-way data bus with the SD-RAM
T7	VSS	-	Ground terminal
T8, T9	EM_D[0], EM_D[14]	I/O	Two-way data bus with the SD-RAM
T10	VSS	-	Ground terminal
T11, T12	EM_D[11], EM_D[9]	I/O	Two-way data bus with the SD-RAM
T13	EM_DQM[1]	O	Byte enable signal output to the SD-RAM
T14	EM_CKE	O	Clock enable signal output to the SD-RAM
T15	DVDD	-	Power supply terminal (+3.3V) (for IO)
T16	VSS	-	Ground terminal

MICON BOARD IC8003 F2602E-01-TR (XM RECEIVER)

Pin No.	Pin Name	I/O	Description
1	LSOPTXRX	-	Not used
2	VSS	-	Ground terminal
3	SCTXOUT	O	Serial data output to the system controller
4	VDD	-	Power supply terminal (+3.3V)
5	SCRXIN	I	Serial data input from the system controller
6	VSS	-	Ground terminal
7	COMMSEL	I	Command mode selection signal input terminal Not used
8	VDD	-	Power supply terminal (+3.3V)
9	XIRQ	O	Interrupt request signal output terminal Not used
10	VSS	-	Ground terminal
11	XRESET	I	Reset signal input from the system controller "L": reset
12	SLAVESL	I	Master/slave mode selection signal input terminal "L": master mode, "H": slave mode Fixed at "L" in this set
13	COMRXDIG	-	Not used
14	COMTXDIG	-	Not used
15	COMTXEN	-	Not used
16	VSS	-	Ground terminal
17	VDD	-	Power supply terminal (+3.3V)
18	COMRXP	I	XM receiver differential signal (positive) input from the XM connector
19	COMRXM	I	XM receiver differential signal (negative) input from the XM connector
20	VDD	-	Power supply terminal (+3.3V)
21	VSS	-	Ground terminal
22	COMTXM	O	XM transmitter differential signal (negative) output to the XM connector
23	COMTXP	O	XM transmitter differential signal (positive) output to the XM connector
24, 25	VSS	-	Ground terminal
26	OSCOUT	O	System clock output terminal (45.1584 MHz)
27	VDD	-	Power supply terminal (+3.3V)
28	OSCIN	I	System clock input terminal (45.1584 MHz)
29	VSS	-	Ground terminal
30	TEST	-	Not used
31	VSS	-	Ground terminal
32	HSDPDATA	-	Not used
33	VDD	-	Power supply terminal (+3.3V)
34	HSDPCLK	-	Not used
35	VSS	-	Ground terminal
36	HSDPEN	-	Not used
37	I2SDATA	O	I2S digital audio data output to the D/A converter (for XM section)
38	VSS	-	Ground terminal
39	I2SSCLK	O	I2S bit clock signal output to the D/A converter (for XM section)
40	VDD	-	Power supply terminal (+3.3V)
41	I2SLRCLK	O	I2S L/R sampling clock signal output to the D/A converter (for XM section)
42	VSS	-	Ground terminal
43	I2SOCLK	O	I2S over sample clock signal output to the D/A converter (for XM section)
44	VSS	-	Ground terminal
45	SAIICLK	-	Not used
46	VDD	-	Power supply terminal (+3.3V)
47	SAIIDATA	-	Not used
48	SAIIEN	-	Not used

MICON BOARD IC8014 MB91F467RAPMC-GE1 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	VSS	-	Ground terminal
2	POW-SW_DET	I	POWER switch input terminal
3	SIRIUS_PWR_ENABLE	O	Sirius power detection signal output to the SIRIUS socket (DA2400ES: US model only)
4 to 7	NO USE	O	Not used
8	EVOL_CLK	O	Serial data transfer clock signal output to the electrical volume
9	EVOL_DATA	O	Serial data output to the electrical volume
10	PREOUT_RY	O	Relay drive signal (for preout (DA2400ES only)) and (for subwoofer (DG920 only)) output terminal "H": relay on
11, 12	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
13	VSS_(GND)	-	Ground terminal
14	C_1	-	External capacitor connection terminal for internal regulator
15	2ND_RY	O	Relay drive signal (for 2nd zone preout) output terminal Not used
16	BRAVIA _SEL	O	TV IN/PHONO IN selection signal output terminal "L": PHONO IN, "H": TV IN
17	HP_RY	O	Relay drive signal (for headphone) output terminal "H": relay on
18	SB_RY	O	Relay drive signal (for surround back) output terminal "H": relay on
19	SR_RY	O	Relay drive signal (for surround) output terminal "H": relay on
20	C_RY	O	Relay drive signal (for center) output terminal "H": relay on
21	SP_B_RY	O	Relay drive signal (for front B) output terminal "H": relay on
22	SP_A_RY	O	Relay drive signal (for front A) output terminal "H": relay on
23	4/8_RY	O	Relay drive signal (for speaker impedance 4/8 ohm selection) output terminal "L": 4 ohm, "H": 8 ohm
24	LED_DCS	O	LED drive signal output terminal for Digital Cinema Sound indicator "H": LED on
25	LED_MLT	O	LED drive signal output terminal for MULTI CHANNEL DECODING indicator "H": LED on
26	LED_MLT_DIM	O	Dimmer control signal output terminal for MULTI CHANNEL DECODING indicator
27	LED_STB	O	LED drive signal output terminal for ON/STANDBY indicator "L": green LED on (power on mode), "H": red LED on (standby mode)
28, 29	NO USE	O	Not used
30	TRG-1	O	Trigger signal output terminal Not used
31 to 34	NO USE	O	Not used
35	MIC_ON	O	Microphone muting on/off control signal output terminal "H": muting on
36	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
37	C_2	-	External capacitor connection terminal for internal regulator
38	VSS_(GND)	-	Ground terminal
39	X0_ (CLOCK_IN)	I	Main system clock input terminal (4 MHz)
40	X1_(CLOCK_OUT)	O	Main system clock output terminal (4 MHz)
41	VSS_(GND)	-	Ground terminal
42	X0A_ (SUB_CLOCK_ IN)	I	Sub system clock input terminal Not used
43	X1A_(SUB_CLOCK_ OUT)	O	Sub system clock output terminal Not used
44	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
45	VSS_(GND)	-	Ground terminal
46	VOL_2	I	Jog dial pulse input from the rotary encoder (B phase input) (for MASTER VOLUME)
47	VOL_1	I	Jog dial pulse input from the rotary encoder (A phase input) (for MASTER VOLUME)
48	FUNC_2	I	Jog dial pulse input from the rotary encoder (B phase input) (for INPUT SELECTOR)
49	FUNC_1	I	Jog dial pulse input from the rotary encoder (A phase input) (for INPUT SELECTOR)
50	TUNE_2	I	Jog dial pulse input from the rotary encoder (B phase input) (for TUNING)
51	TUNE_1	I	Jog dial pulse input from the rotary encoder (A phase input) (for TUNING)
52	TONE_2	I	Jog dial pulse input from the rotary encoder (B phase input) (for TONE)
53	TONE_1	I	Jog dial pulse input from the rotary encoder (A phase input) (for TONE)
54	HP_IN	I	Headphone plug insert detection signal input terminal "H": headphone plug is inserted
55	DA_MD0	I	Serial data input from the D/A converter (for audio section)
56	DA_LATCH	O	Serial data latch pulse signal output to the D/A converter (for audio section)
57	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
58	VSS_(GND)	-	Ground terminal
59	SYSTEM_MUTE	O	System muting on/off control signal output terminal Not used
60	DAC_MUTE	O	Muting control signal output terminal
61	DIR_DATA0	I	Audio serial data input from the digital audio interface receiver
62	DIR_XMODE	O	Reset signal output to the digital audio interface receiver "L": reset

Pin No.	Pin Name	I/O	Description
63	DIR_CE	O	Chip enable signal output to the digital audio interface receiver
64	DIR_DO	I	Serial data input from the digital audio interface receiver
65	DIR_ERROR	I	PLL lock error signal and data error flag input from the digital audio interface receiver
66	DIR_CKST	I	Clock selection signal input from the digital audio interface receiver
67	D595_LAT	O	Serial data latch pulse signal output to the data decoder (for audio)
68	D595_OE	O	Output enable signal output to the data decoder (for audio)
69	COM1_CLK	O	Serial data transfer clock signal output to the digital audio interface receiver, data decoder (for audio section) and D/A converter (for audio section)
70	COM1_DATA	O	Serial data output to the digital audio interface receiver, data decoder (for audio section) and D/A converter (for audio section)
71	SF_DSP_CS_CTL	O	Hold signal output to the serial flash
72	SFLASH_CE	O	Chip enable signal output to the serial flash
73	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
74	VSS_(GND)	-	Ground terminal
75	SPI0_CE	O	Chip enable signal output to the DSP
76	DSP_RESET	O	Reset signal output to the DSP "L": reset
77	SPI0_SCS	O	Chip select signal output to the DSP
78	DA_RESET	O	Reset signal output to the D/A converter (for audio section) "L": reset
79 to 81	NO USE	O	Not used
82	SEL_DATA	O	Serial data output to the audio input selector
83	SEL_CLK	O	Serial data transfer clock signal output to the audio input selector
84	XM_POW	O	Power supply on/off control signal output terminal for XM section "H": power on (DA2400ES/DG920: US model only)
85	XM_LAT	O	Serial data latch pulse signal output to the D/A converter (for XM section) (DA2400ES/DG920: US model only)
86	TUN_TUNED	I	Tuned detection signal input from the tuner (FM/AM)
87	TUN_LAT	O	Serial data latch pulse signal output to the tuner (FM/AM)
88	VSS_(GND)	-	Ground terminal
89	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
90	TUN_DO	I	Serial data input from the tuner (FM/AM)
91	TUN_DATA	O	Serial data output to the tuner (FM/AM)
92	TUN_CLK	O	Serial data transfer clock signal output to the tuner (FM/AM)
93	RDS_DATA	I	RDS serial data input from the tuner (FM/AM) (DA2400ES: AEP, Continental European, East European, Russian and UK models only)
94	DMPORT_DET	I	Digital media port adapter connection detection signal input terminal "H": digital media port adapter is connected
95	HDMI_RESET	O	Reset signal output to the HDMI controller "L": reset
96	HDMI_ERROR	I	HDMI audio error signal input terminal
97	NO USE	O	Not used
98 to 100	AD-KEY1 toAD-KEY3	I	Front panel key input terminal (A/D input)
101	CEC_M/DV	O	CEC serial data output to the HDMI connector
102	C_MONI_MUTE	O	Component video monitor out muting on/off control signal output to the video switch (for component video signal) "L": muting on
103	VERSION	I	Destination setting terminal
104	COM2_DATA	I	Serial data output to the audio input selector, data decoder (for video section) and D/A converter (for XM section)
105	COM2_CLK	O	Serial data transfer clock signal output to the audio input selector, data decoder (for video section) and D/A converter (for XM section)
106	V595_LAT	O	Serial data latch pulse signal output to the data decoder (for video section)
107	V595_OE	O	Output enable signal output to the data decoder (for video section)
108	M_MUTE	O	Composite video monitor out muting on/off control signal output to the video switch (for component video signal) "L": muting on
109	VC_MUTE	O	Component video muting on/off control signal output to the video input selector (for component video signal) "L": muting on
110	V_DET	I	CVBS video signal detection input terminal
111	COMPO_DET	I	Component video signal detection input terminal
112	DAC_SCL	O	Serial data transfer clock signal output to the D/A converter (for video section)
113	DAC_SDA	O	Serial data output to the D/A converter (for video section)
114	AVSS/AVRL (ANALOG GND A/D)	-	Ground terminal (for A/D converter)
115	AVCC3(3.3V A/D)	-	Power supply terminal (+3.3V) (for A/D converter)

Pin No.	Pin Name	I/O	Description
116	AVRH (STANDARD PS A/D)	I	Reference voltage (+3.3V) input terminal (for A/D converter)
117	HDMI_SDA	I/O	I2C data bus with the HDMI controller
118	HDMI_SCL	O	I2C clock signal output to the HDMI controller
119	SIRCS-IN	I	SIRCS signal input from the remote control receiver
120	NO USE	O	Not used
121	CEC_DV/M	I	CEC serial data input from the HDMI connector
122	NO USE	O	Not used
123	ZONE_SEL	I	Zone selection signal input terminal Not used
124	VIDEO_DAC_RESET	O	Reset signal output terminal for the D/A converter (for video section) "L": reset
125	VIDEO_DAC_SDA	I	Power detection signal input from the video processor
126	RST_TRG	O	Reset signal output terminal for the system controller "L": reset
127	MD3	-	Mode setting terminal Fixed at "L" in this set
128	MD2	I	Serial data input terminal
129, 130	MD1, MD0	-	Mode setting terminal Fixed at "L" in this set
131	INITX	I	System reset signal input from the reset signal generator "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it changes to "H"
132	VSS_(GND)	-	Ground terminal
133	VCC5_(5V)	-	Power supply terminal (+3.3V)
134	RS232C_MIN	I	Serial data input from the RS-232C connector
135	RS232C_MOUT	O	Serial data output to the RS-232C connector
136	FLI_RESET	O	Reset signal output to the flash memory and video processor "L": reset
137	XM_XM/M	I	Serial data input from the XM receiver (DA2400ES/DG920: US model only)
138	XM_M/XM	O	Serial data output to the XM receiver (DA2400ES/DG920: US model only)
139	XM_RESET	O	Reset signal output to the XM receiver "L": reset (DA2400ES/DG920: US model only)
140	FLI_TX	I	UART communication transfer data input from the video processor
141	FLI_RX	O	UART communication transfer data output to the video processor
142	FLI_BUSY	I	Busy signal input from the video processor
143	SPI0_MISO	I	Serial data input from the serial flash and DSP
144	SPI0_MOSI	O	Serial data output to the serial flash and DSP
145	SPI0_CLK	O	Serial data transfer clock signal output to the serial flash and DSP
146	VSS_(GND)	-	Ground terminal
147	VCC5_(5V)	-	Power supply terminal (+3.3V)
148	SIRIUS_TX	I	Serial data input from the SIRIUS socket (DA2400ES: US model only)
149	SIRIUS_RX	O	Serial data output to the SIRIUS socket (DA2400ES: US model only)
150	FL_CLR	O	Blanking period signal output to the fluorescent indicator tube
151	FL_LAT	O	Serial data latch pulse signal output to the fluorescent indicator tube
152	FL_DATA	O	Serial data output to the fluorescent indicator tube
153	FL_CLK	O	Serial data transfer clock signal output to the fluorescent indicator tube
154	DMUART_DM/M	I	Serial data input from the DMPORT connector
155	DMUART_M/DM	O	Serial data output to the DMPORT connector
156	HDMI_VSYNC	I	Vertical sync signal input terminal Not used
157	DAC_CLK_SEL	O	Clock control signal output to the frequency multiplier for D/A converter (for video section)
158 to 160	NO USE	O	Not used
161	VSS_(GND)	-	Ground terminal
162	VCC5_(5V)	-	Power supply terminal (+3.3V)
163	NO USE	O	Not used
164	DSP_INT	I	Interrupt signal input from the DSP
165	RDS_CLK	I	RDS serial data transfer clock signal input from the tuner (FM/AM) (DA2400ES: AEP, Continental European, East European, Russian and UK models only)
166, 167	232C-SEL1, 232C-SEL2	O	Data selection signal output terminal Not used
168	FSRATE1	I	L/R sampling clock signal input from the digital audio interface receiver or HDMI receiver
169	FUNC_LAT	O	Serial data latch pulse signal output to the audio input selector
170	STOP	I	AC off detection signal input terminal "L": AC off
171	POW_RY	O	Relay drive signal (for main power) output terminal "H": relay on
172	PROTECTOR	I	Protect detection signal input terminal
173	NO USE	-	Not used
174	EEPROM_SDA	I/O	Two-way data bus with the EEPROM
175	EEPROM_SCL	O	Serial data transfer clock signal output to the EEPROM
176	VCC5_(5V)	-	Power supply terminal (+3.3V)

SECTION 7
EXPLODED VIEWS

Note:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color

- Abbreviation
  CND : Canadian model
  ECE : Continental European, East European and Russian models
- Color Variation
  BLACK : ALL models
  SILVER : AEP, UK, ECE models

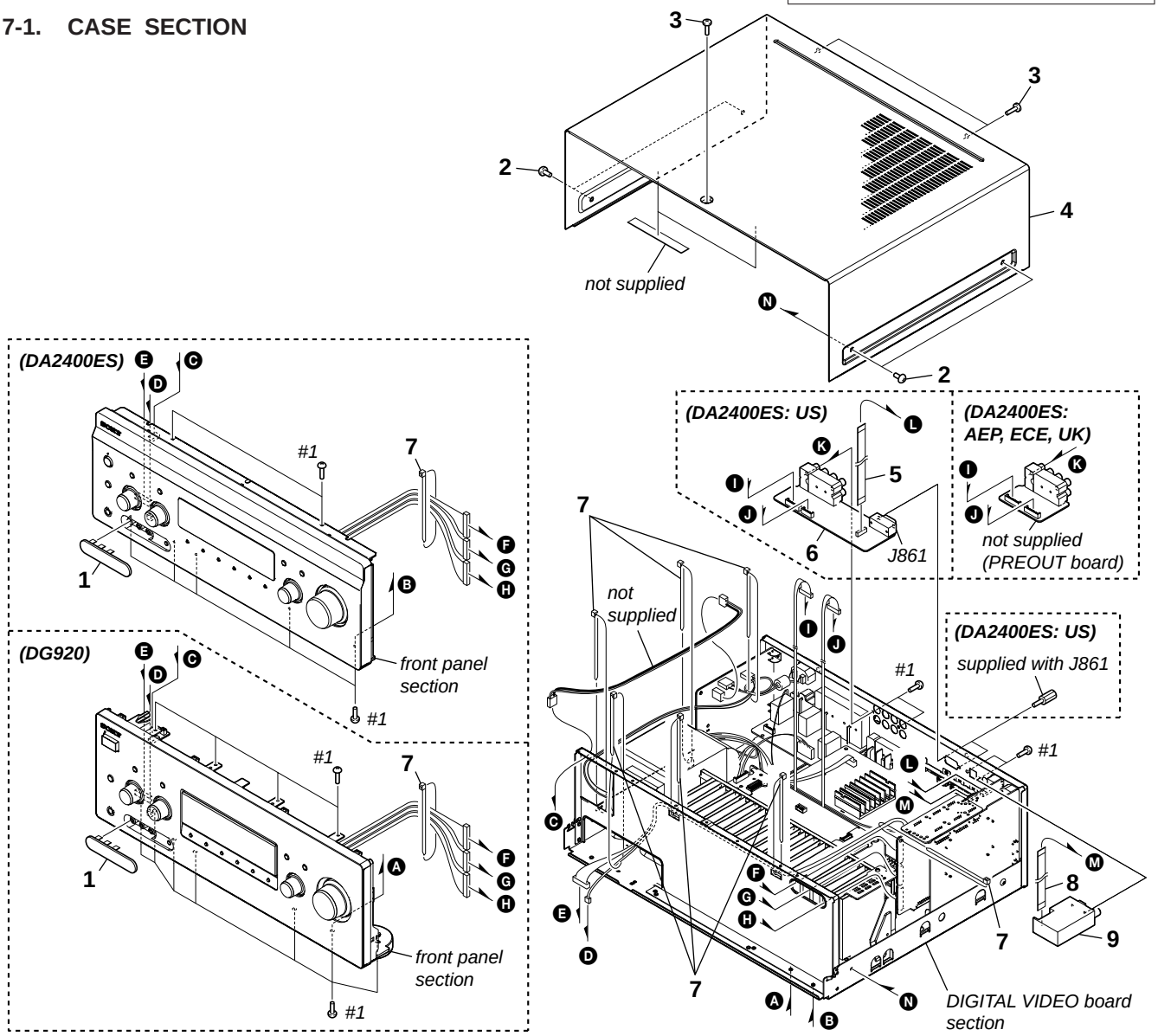
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

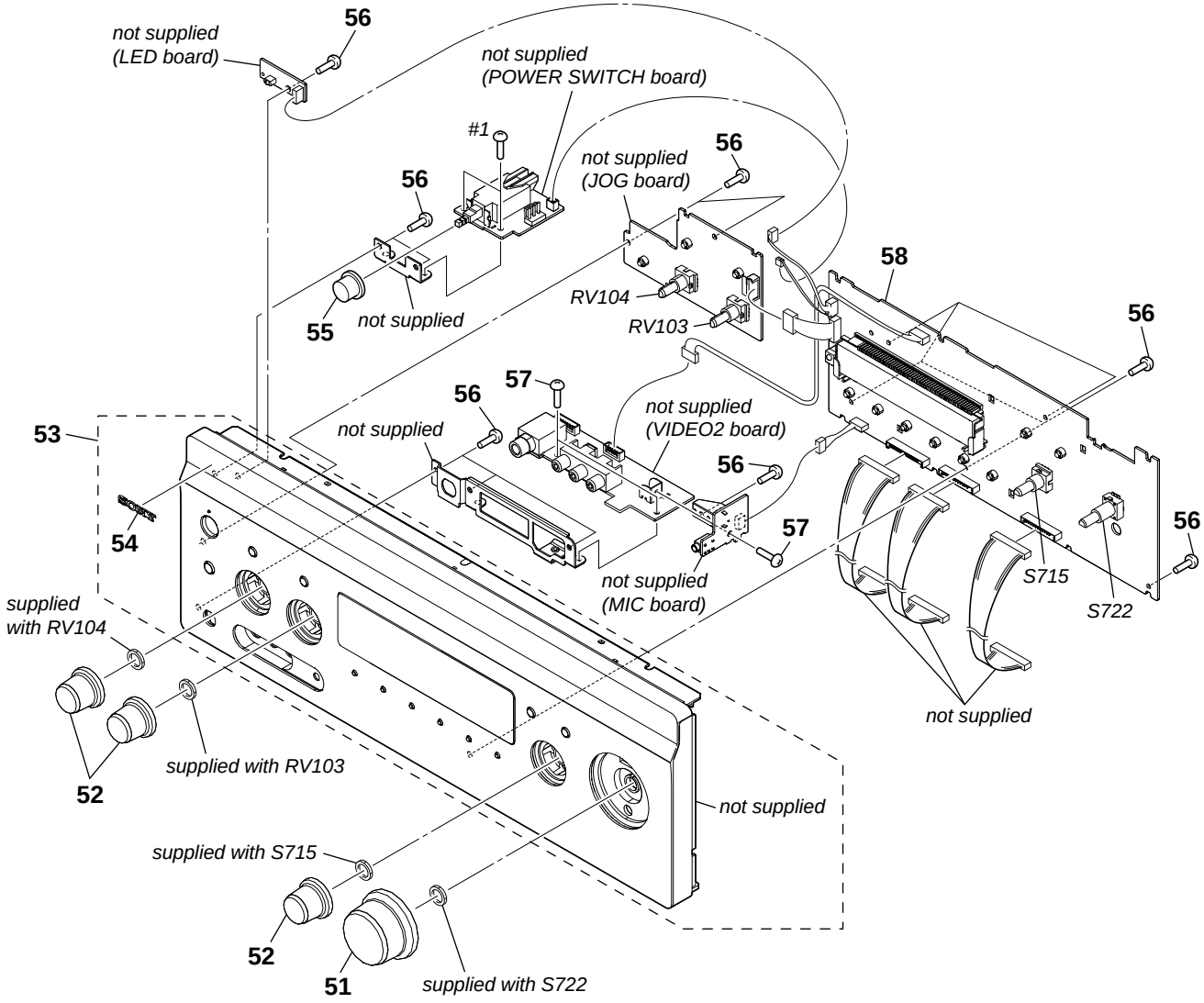
7-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
1	3-286-654-01	LID (BLACK)	
1	3-286-654-11	LID (SILVER)	
2	2-580-630-01	SCREW, +BVST 4X8 (for BLACK)	
2	7-685-881-04	SCREW +BVTT 4X8 (S) (for SILVER)	
3	4-227-843-03	SCREW (TP), FLAT HEAD (for BLACK)	
3	4-227-843-31	SCREW (TP), FLAT HEAD (for SILVER)	
4	3-286-852-11	CASE (BLACK)	
4	3-286-852-51	CASE (SILVER)	
5	1-828-589-11	WIRE (FLAT TYPE) (13 CORE) (DA2400ES: US)	
6	A-1442-423-A	CIS BOARD, COMPLETE (DA2400ES: US)	

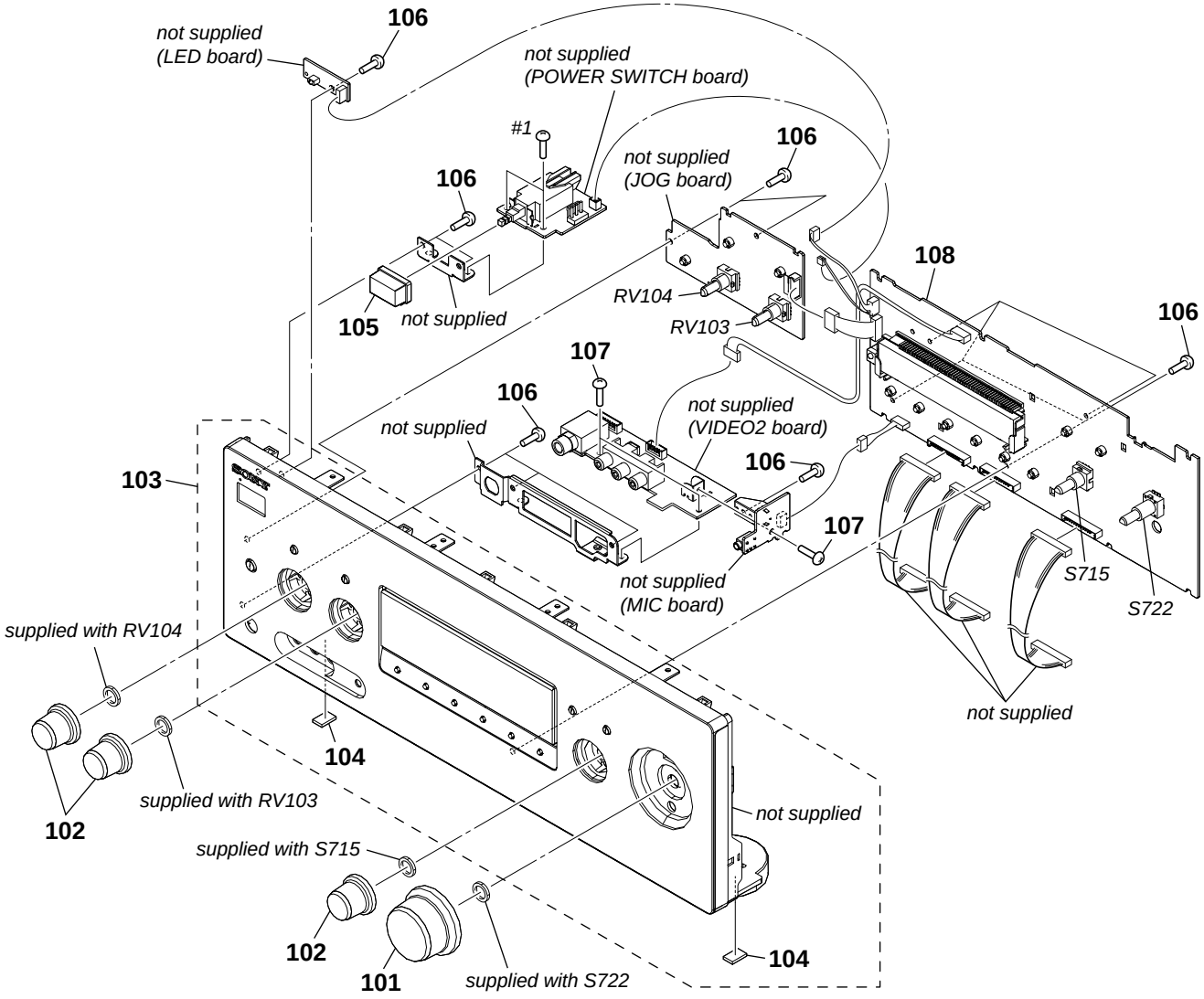
Ref. No.	Part No.	Description	Remark
7	3-701-748-00	CLAMP	
8	1-828-953-11	WIRE (FLAT TYPE) (9 CORE)	(DA2400ES: US/DG920)
8	1-828-963-11	WIRE (FLAT TYPE) (11 CORE)	(DA2400ES: AEP, ECE, UK)
9	1-693-728-11	TUNER (FM/AM) (DA2400ES: US/DG920)	
9	1-693-737-11	TUNER (FM/AM) (DA2400ES: AEP, ECE, UK)	
J861	1-815-737-11	CONNECTOR, (D) SUB 9P (RS-232C)	(DA2400ES: US)
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

7-2. FRONT PANEL SECTION (DA2400ES)



Ref. No.	Part No.	Description	Remark
51	X-2188-787-1	KNOB (VOL) ASSY (BLACK)	
51	X-2189-679-1	KNOB (VOL) ASSY (SILVER)	
52	X-2190-020-1	KNOB MENU ASSY (BLACK)	
52	X-2190-021-1	KNOB MENU ASSY (SILVER)	
53	A-1443-659-A	FRONT PANEL ASSY (US)	
53	A-1443-660-A	FRONT PANEL ASSY (BLACK) (AEP, ECE, UK)	
53	A-1527-478-A	FRONT PANEL ASSY (SILVER) (AEP, ECE, UK)	
54	4-942-568-41	EMBLEM (NO.5), SONY (for BLACK)	
54	4-942-568-61	EMBLEM (NO.5), SONY (for SILVER)	
55	3-113-929-01	BUTTON (POWER-A13) (BLACK)	
55	3-113-929-11	BUTTON (POWER-A13) (SILVER)	
56	3-087-053-01	+BVTP2.6 (3CR)	
57	3-077-331-21	+BV3 (3-CR)	
58	A-1441-434-A	DISPLAY BOARD, COMPLETE	
RV103	1-418-817-11	ENCODER, ROTARY (– TUNING +)	
RV104	1-418-817-11	ENCODER, ROTARY (– TONE +)	
S715	1-418-817-31	ENCODER, ROTARY (INPUT SELECTOR)	
S722	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

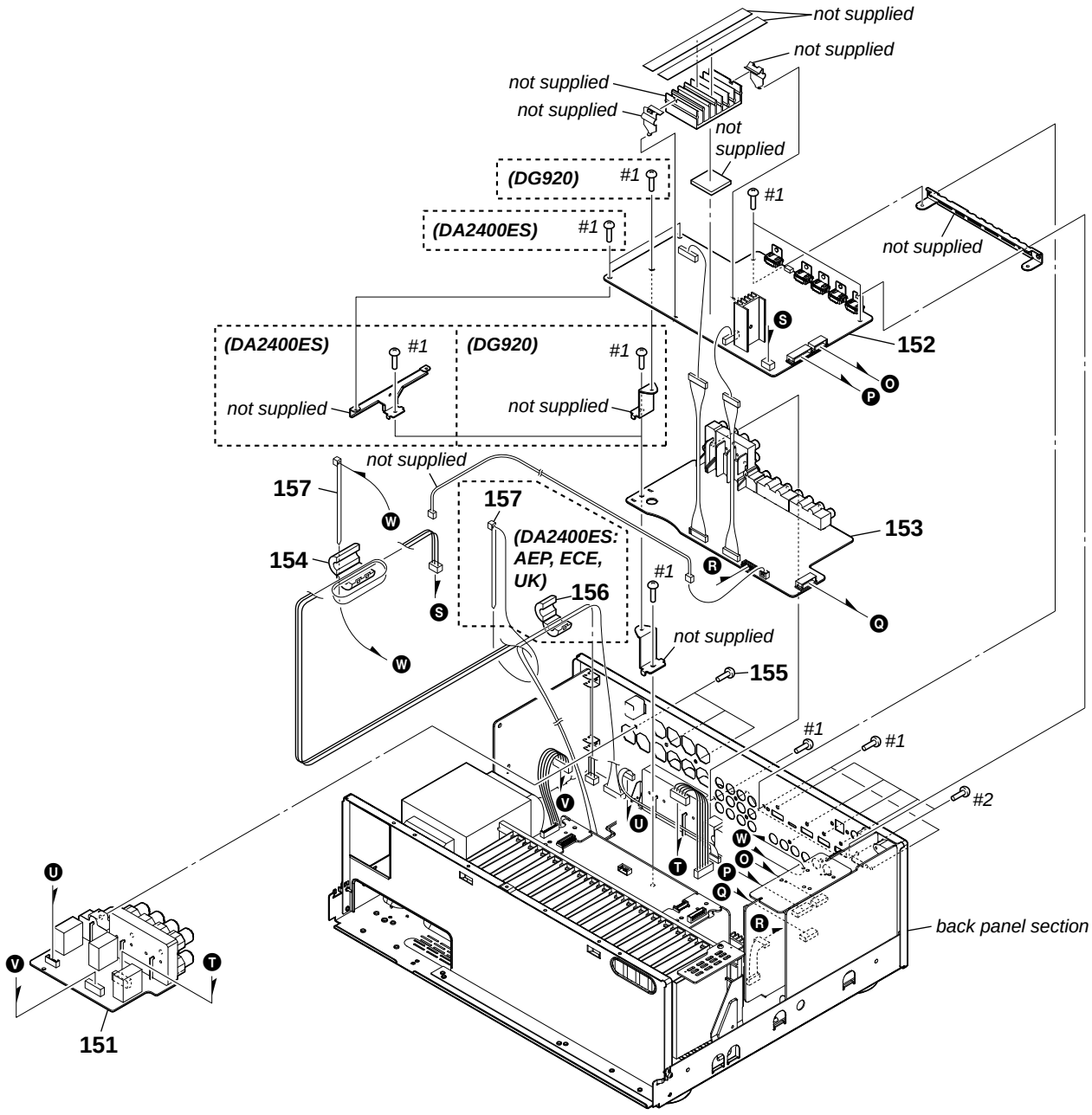
7-3. FRONT PANEL SECTION (DG920)



Ref. No.	Part No.	Description	Remark
101	2-661-142-01	VOLUME KNOB	
102	X-2190-020-1	KNOB MENU ASSY	
103	X-2188-389-1	FRONT PANEL ASSY (DG920: US)	
103	X-2188-390-1	FRONT PANEL ASSY (DG920: CND)	
104	4-977-358-01	CUSHION	
105	3-286-651-02	BUTTON, POWER	
106	3-087-053-01	+BVTP2.6 (3CR)	
107	3-077-331-21	+BV3 (3-CR)	

Ref. No.	Part No.	Description	Remark
108	A-1441-434-A	DISPLAY BOARD, COMPLETE	
RV103	1-418-817-11	ENCODER, ROTARY (– TUNING +)	
RV104	1-418-817-11	ENCODER, ROTARY (– TONE +)	
S715	1-418-817-31	ENCODER, ROTARY (INPUT SELECTOR)	
S722	1-418-725-41	ENCODER, ROTARY (12 TYPE)	(MASTER VOLUME)
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

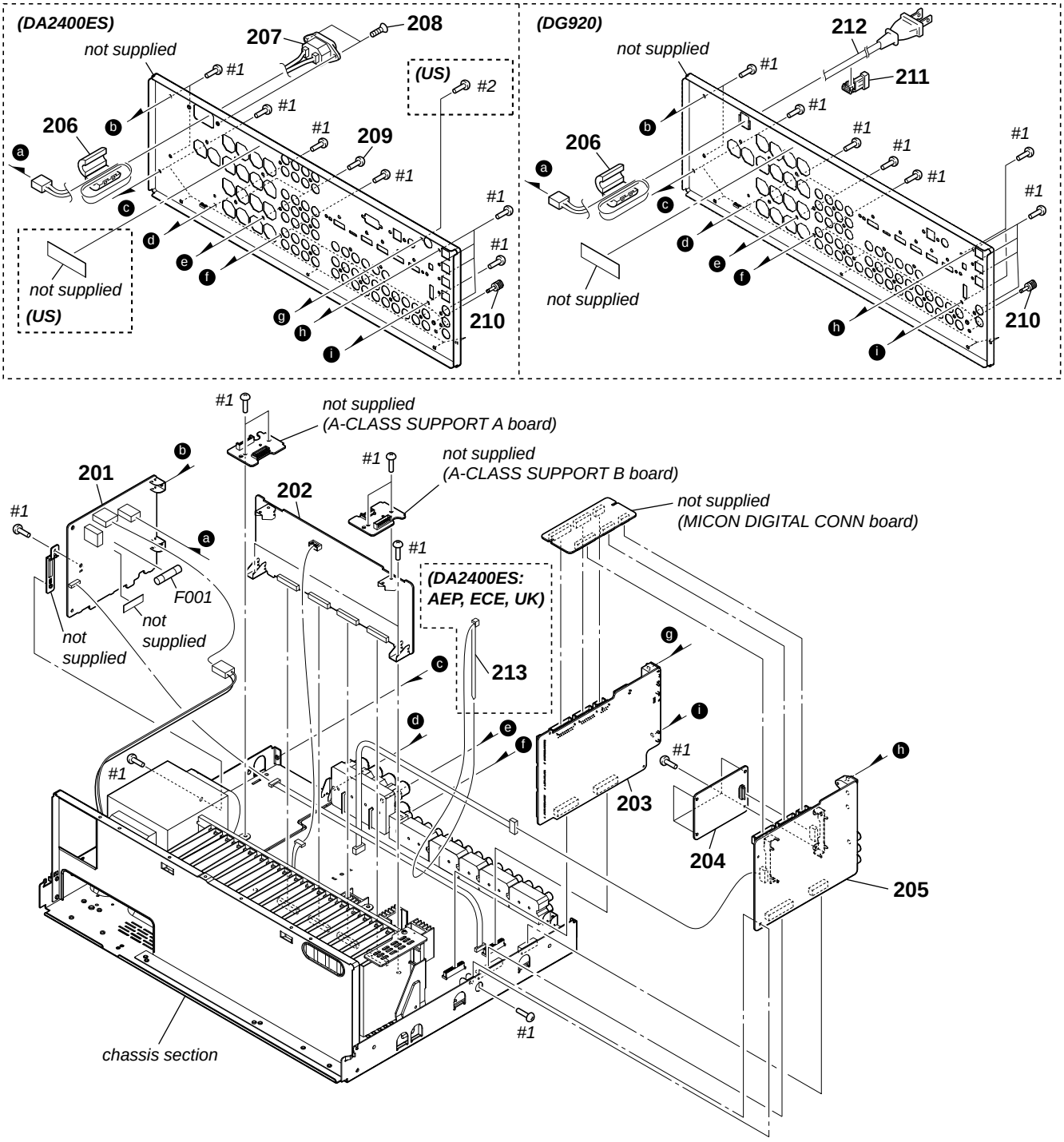
7-4. DIGITAL VIDEO BOARD SECTION



Ref. No.	Part No.	Description	Remark
151	A-1441-449-A	SURR SPEAKER BOARD, COMPLETE (DG920)	
151	A-1442-425-A	SURR SPEAKER BOARD, COMPLETE	(DA2400ES: US)
151	A-1442-453-A	SURR SPEAKER BOARD, COMPLETE	(DA2400ES: AEP, ECE, UK)
152	A-1441-458-A	DIGITAL VIDEO BOARD, COMPLETE	(for SERVICE)
153	A-1441-442-A	VIDEO BOARD, COMPLETE	(DA2400ES: US/DG920)
153	A-1559-013-A	VIDEO BOARD, COMPLETE	(DA2400ES: AEP, ECE, UK)

Ref. No.	Part No.	Description	Remark
154	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	
155	3-704-515-51	SCREW (BV/RING) (DA2400ES)	
155	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3 (DG920)	
156	1-500-082-11	CLAMP, SLEEVE FERRITE	(DA2400ES: AEP, ECE, UK)
157	3-701-748-00	CLAMP	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-871-01	SCREW +BVTT 3X6 (S)	

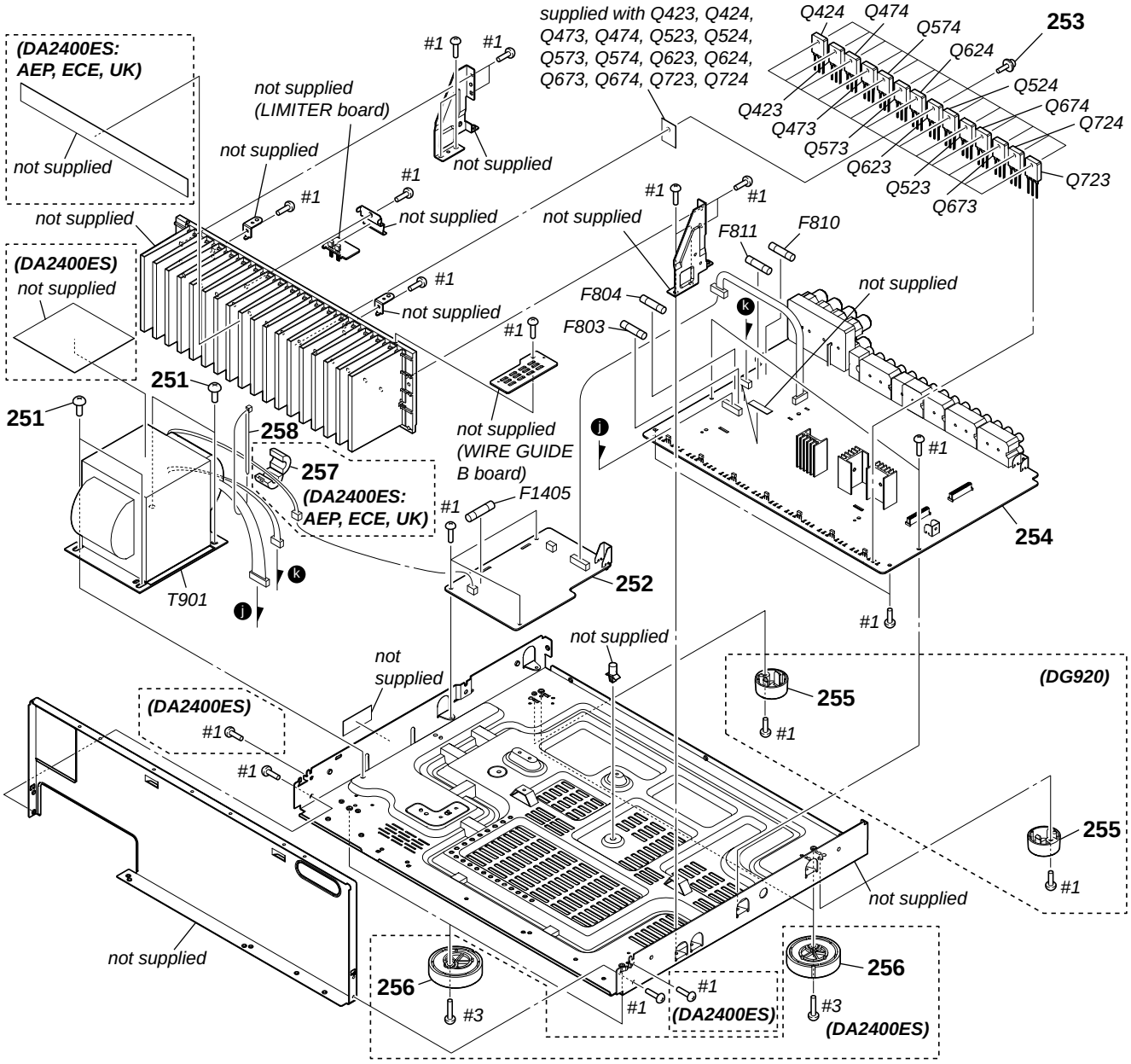
7-5. BACK PANEL SECTION



Ref. No.	Part No.	Description	Remark
201	A-1441-438-A	STANDBY BOARD, COMPLETE (DA2400ES: US/DG920)	
201	A-1442-081-A	STANDBY BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)	
202	A-1536-195-A	ACLASS BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)	
202	A-1536-196-A	ACLASS BOARD, COMPLETE (DA2400ES: US/DG920)	
203	A-1441-455-A	MICON BOARD, COMPLETE (DG920)	
203	A-1442-428-A	MICON BOARD, COMPLETE (DA2400ES: US)	
203	A-1442-455-A	MICON BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)	
204	A-1439-165-A	DSP BOARD, COMPLETE	
205	A-1441-453-A	DIGITAL BOARD, COMPLETE (DG920)	
205	A-1442-427-A	DIGITAL BOARD, COMPLETE (DA2400ES: US)	
205	A-1537-487-A	DIGITAL BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)	

Ref. No.	Part No.	Description	Remark
206	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	
⚠ 207	1-821-082-21	INLET, AC 2P (~AC INLET) (DA2400ES)	
208	2-580-644-01	SCREW, +KTP2 3X8 (DA2400ES)	
209	3-704-515-51	SCREW (BV/RING) (DA2400ES)	
210	4-947-010-01	SCREW, FEEDER FIXED	
211	4-966-267-12	BUSHING (FBS001), CORD (DG920)	
⚠ 212	1-783-820-11	CORD, POWER (DG920)	
213	3-701-748-00	CLAMP	
⚠ F001	1-532-504-33	FUSE (T4AL/250V) (DA2400ES: AEP, ECE, UK)	
⚠ F001	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (DA2400ES: US/DG920)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-871-01	SCREW +BVTT 3X6 (S)	

7-6. CHASSIS SECTION


(DA2400ES: AEP, ECE, UK)
not supplied
not supplied (LIMITER board)
not supplied
not supplied
not supplied

SECTION 8
ELECTRICAL PARTS LIST

ACLASS

Note:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . , uPA. . , µPA. . ,
  uPB. . : µPB. . , uPC. . , µPC. . ,
  uPD. . : µPD. .
- Abbreviation
  CND : Canadian model
  ECE : Continental European, East European and Russian models

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

Ref. No.	Part No.	Description			Remark
	A-1536-195-A	ACLASS BOARD, COMPLETE			
		(DA2400ES: AEP, ECE, UK)			
	A-1536-196-A	ACLASS BOARD, COMPLETE			
		(DA2400ES: US/DG920)			
		**********			
		< CAPACITOR >			
C403	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C403	1-128-582-11	ELECT	10uF	20%	100V
		(DA2400ES: US/DG920)			
C411	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C411	1-126-964-11	ELECT	10uF	20%	50V
		(DA2400ES: US/DG920)			
C412	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C413	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C414	1-102-233-00	CERAMIC	33PF	10%	500V
C415	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C416	1-112-079-11	ELECT	220uF	20%	10V
		(DA2400ES: AEP, ECE, UK)			
C416	1-126-923-91	ELECT	220uF	20%	10V
		(DA2400ES: US/DG920)			
C461	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C461	1-126-964-11	ELECT	10uF	20%	50V
		(DA2400ES: US/DG920)			
C462	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C463	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C464	1-102-233-00	CERAMIC	33PF	10%	500V
C465	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C466	1-112-079-11	ELECT	220uF	20%	10V
		(DA2400ES: AEP, ECE, UK)			
C466	1-126-923-91	ELECT	220uF	20%	10V
		(DA2400ES: US/DG920)			
C503	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C503	1-128-582-11	ELECT	10uF	20%	100V
		(DA2400ES: US/DG920)			
C511	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C511	1-126-964-11	ELECT	10uF	20%	50V
		(DA2400ES: US/DG920)			
C512	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C513	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C514	1-102-233-00	CERAMIC	33PF	10%	500V
C515	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C516	1-112-079-11	ELECT	220uF	20%	10V
		(DA2400ES: AEP, ECE, UK)			
C516	1-126-923-91	ELECT	220uF	20%	10V
		(DA2400ES: US/DG920)			
C545	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C561	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C561	1-126-964-11	ELECT	10uF	20%	50V
		(DA2400ES: US/DG920)			
C562	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C563	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C564	1-102-233-00	CERAMIC	33PF	10%	500V
C566	1-112-079-11	ELECT	220uF	20%	10V
		(DA2400ES: AEP, ECE, UK)			
C566	1-126-923-91	ELECT	220uF	20%	10V
		(DA2400ES: US/DG920)			
C603	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C603	1-128-582-11	ELECT	10uF	20%	100V
		(DA2400ES: US/DG920)			
C611	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C611	1-126-964-11	ELECT	10uF	20%	50V
		(DA2400ES: US/DG920)			
C612	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C613	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C614	1-102-233-00	CERAMIC	33PF	10%	500V
C615	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C616	1-112-079-11	ELECT	220uF	20%	10V
		(DA2400ES: AEP, ECE, UK)			
C616	1-126-923-91	ELECT	220uF	20%	10V
		(DA2400ES: US/DG920)			
C655	1-102-233-00	CERAMIC	33PF	10%	500V
C656	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C661	1-112-100-11	ELECT	10uF	20%	50V
		(DA2400ES: AEP, ECE, UK)			
C661	1-126-964-11	ELECT	10uF	20%	50V
		(DA2400ES: US/DG920)			

ACLASS

Ref. No.	Part No.	Description				Remark
C662	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C665	1-107-583-11	CERAMIC	3PF	0.25PF	500V	
C666	1-112-079-11	ELECT	220uF	20%	10V	
						(DA2400ES: AEP, ECE, UK)
C666	1-126-923-91	ELECT	220uF	20%	10V	
						(DA2400ES: US/DG920)
C703	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C703	1-128-582-11	ELECT	10uF	20%	100V	
						(DA2400ES: US/DG920)
C711	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C711	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C712	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C713	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C714	1-102-233-00	CERAMIC	33PF	10%	500V	
C715	1-107-583-11	CERAMIC	3PF	0.25PF	500V	
C716	1-112-079-11	ELECT	220uF	20%	10V	
						(DA2400ES: AEP, ECE, UK)
C716	1-126-923-91	ELECT	220uF	20%	10V	
						(DA2400ES: US/DG920)
C732	1-112-109-11	ELECT	22uF	20%	100V	
						(DA2400ES: AEP, ECE, UK)
C732	1-128-560-11	ELECT	22uF	20%	100V	
						(DA2400ES: US/DG920)
C733	1-112-109-11	ELECT	22uF	20%	100V	
						(DA2400ES: AEP, ECE, UK)
C733	1-128-560-11	ELECT	22uF	20%	100V	
						(DA2400ES: US/DG920)
C1907	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C1908	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	
C1911	1-126-923-91	ELECT	220uF	20%	10V	
C1912	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C1914	1-126-933-11	ELECT	100uF	20%	16V	
C1915	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C1916	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
		< CONNECTOR >				
CN411	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P				
CN511	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P				
CN611	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P				
CN711	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P				
CN1909	1-784-921-11	PIN, CONNECTOR 4P				
		< DIODE >				
D1901	6-501-817-01	DIODE MA2J1110GLS0				
D1902	6-501-817-01	DIODE MA2J1110GLS0				
D1903	6-501-817-01	DIODE MA2J1110GLS0				
D1905	6-501-817-01	DIODE MA2J1110GLS0				
D1907	6-501-817-01	DIODE MA2J1110GLS0				
D1911	6-501-817-01	DIODE MA2J1110GLS0				
D1912	8-719-049-09	DIODE 1SS367-T3SONY				
		< IC >				
IC400	6-700-943-01	IC uPC2581V-S				
IC500	6-700-943-01	IC uPC2581V-S				
IC600	6-700-943-01	IC uPC2581V-S				
IC700	6-700-943-01	IC uPC2581V-S				
IC1901	8-759-710-97	IC NJM4565M-D				
IC1902	8-759-710-97	IC NJM4565M-D				
IC1904	6-711-698-01	IC PQ050ES1MXPQ				

Ref. No.	Part No.	Description				Remark
		< TRANSISTOR >				
Q1901	8-729-216-31	TRANSISTOR	2SA1163-G			
Q1902	8-729-140-96	TRANSISTOR	2SD774-34			
Q1903	8-729-140-96	TRANSISTOR	2SD774-34			
Q1907	8-729-216-31	TRANSISTOR	2SA1163-G			
Q1908	8-729-901-00	TRANSISTOR	DTC124EK			
Q1910	8-729-027-56	TRANSISTOR	DTC143TKA-T146			
Q1911	8-729-901-00	TRANSISTOR	DTC124EK			
Q1912	8-729-901-00	TRANSISTOR	DTC124EK			
Q1913	8-729-901-00	TRANSISTOR	DTC124EK			
Q1914	8-729-901-00	TRANSISTOR	DTC124EK			
		< RESISTOR >				
⚠ R400	1-249-429-91	CARBON	10K	5%	1/4W	F
R411	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R412	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R415	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R416	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
R461	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R462	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R465	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R466	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
⚠ R500	1-249-429-91	CARBON	10K	5%	1/4W	F
R511	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R512	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R515	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R516	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
R561	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R562	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R565	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R566	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
⚠ R600	1-249-429-91	CARBON	10K	5%	1/4W	F
R611	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R612	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R615	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R616	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
R661	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R662	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R665	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R666	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
⚠ R700	1-249-429-91	CARBON	10K	5%	1/4W	F
R711	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R712	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R715	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R716	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
R1549	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R1901	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1902	1-216-837-11	METAL CHIP	22K	5%	1/10W	
⚠ R1904	1-249-429-91	CARBON	10K	5%	1/4W	F
⚠ R1905	1-215-889-51	METAL OXIDE	330	5%	2W	F
⚠ R1906	1-249-429-91	CARBON	10K	5%	1/4W	F
R1907	1-216-845-11	METAL CHIP	100K	5%	1/10W	
⚠ R1908	1-215-883-51	METAL OXIDE	33	5%	2W	F
						(DA2400ES: US/DG920)
⚠ R1908	1-215-885-51	METAL OXIDE	68	5%	2W	F
						(DA2400ES: AEP, ECE, UK)
R1909	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R1910	1-218-907-11	METAL CHIP	330K	0.5%	1/10W	
						(DA2400ES: AEP, ECE, UK)
R1914	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1915	1-216-837-11	METAL CHIP	22K	5%	1/10W	

ACLASS | A-CLASS SUPPORT A | A-CLASS SUPPORT B | CIS

Ref. No.	Part No.	Description			Remark
R1916	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1917	1-216-853-11	METAL CHIP	470K	5%	1/10W
R1918	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1919	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1920	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1921	1-218-878-11	METAL CHIP	20K	0.5%	1/10W
					(DA2400ES: AEP, ECE, UK)
R1921	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
					((DA2400ES: US/DG920)
R1922	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1924	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R1925	1-218-880-11	METAL CHIP	24K	0.5%	1/10W
R1927	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R1930	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1931	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1932	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1933	1-216-841-11	METAL CHIP	47K	5%	1/10W
⚠ R1934	1-215-872-51	METAL OXIDE	3.3K	5%	1W F
					(DA2400ES: AEP, ECE, UK)
R1937	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
⚠ R1938	1-249-429-91	CARBON	10K	5%	1/4W F
⚠ R1939	1-249-429-91	CARBON	10K	5%	1/4W F
⚠ R1940	1-249-429-91	CARBON	10K	5%	1/4W F
⚠ R1941	1-249-429-91	CARBON	10K	5%	1/4W F
⚠ R1942	1-249-429-91	CARBON	10K	5%	1/4W F
⚠ R1943	1-249-429-91	CARBON	10K	5%	1/4W F
**********					
		A-CLASS SUPPORT A BOARD			
		**********			
		< CONNECTOR >			
* CN6103	1-564-724-11	PIN, CONNECTOR (SMALL TYPE) 8P			
					(DA2400ES: AEP, ECE, UK)
CN6104	1-784-924-11	PIN, CONNECTOR 8P (DA2400ES: AEP, ECE, UK)			
**********					
		A-CLASS SUPPORT B BOARD			
		**********			
		< CONNECTOR >			
CN6101	1-564-722-11	PIN, CONNECTOR (SMALL TYPE) 6P			
					(DA2400ES: AEP, ECE, UK)
CN6102	1-784-924-11	PIN, CONNECTOR 8P (DA2400ES: AEP, ECE, UK)			
**********					
	A-1442-423-A	CIS BOARD, COMPLETE (DA2400ES: US)			
		**********			
		< CAPACITOR >			
C805	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C806	1-126-947-11	ELECT	47uF	20%	35V
C864	1-126-933-11	ELECT	100uF	20%	16V
C865	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C866	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C867	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C868	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C869	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C870	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4551	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4552	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4553	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4554	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4555	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C4675	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
		< CONNECTOR >			
CN4552	1-779-799-11	PIN, CONNECTOR 9P			
CN4553	1-564-509-11	PLUG, CONNECTOR 6P			
CNS801	1-779-281-11	CONNECTOR, FFC (LIF (NON-ZIF)) 13P			
		< DIODE >			
D4551	6-501-817-01	DIODE MA2J1110GLS0			
D4552	6-501-817-01	DIODE MA2J1110GLS0			
D4553	6-501-817-01	DIODE MA2J1110GLS0			
D4554	6-501-817-01	DIODE MA2J1110GLS0			
		< FERRITE BEAD >			
FB861	1-469-152-11	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC861	6-705-514-01	IC MAX3222IPWR			
		< JACK >			
J861	1-815-737-11	CONNECTOR, (D) SUB 9P (RS-232C)			
J4551	1-774-411-11	JACK, PIN 6P			
		(PRE OUT FRONT/SURROUND/SUR BACK)			
J4552	1-793-777-12	JACK, PIN 2P (PRE OUT CENTER/SUBWOOFER)			
		< TRANSISTOR >			
Q4551	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4552	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4553	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4554	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
		< RESISTOR >			
R861	1-216-809-11	METAL CHIP	100	5%	1/10W
R862	1-216-809-11	METAL CHIP	100	5%	1/10W
R863	1-216-864-11	SHORT CHIP	0		
R864	1-216-864-11	SHORT CHIP	0		
R865	1-216-833-11	METAL CHIP	10K	5%	1/10W
R866	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4551	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4552	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4553	1-249-393-91	CARBON	10	5%	1/4W F
R4554	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4555	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4556	1-249-393-91	CARBON	10	5%	1/4W F
R4557	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4558	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4559	1-249-393-91	CARBON	10	5%	1/4W F
R4560	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4561	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4562	1-249-393-91	CARBON	10	5%	1/4W F
R4651	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4652	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4653	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4654	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4671	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4672	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4673	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4674	1-216-821-11	METAL CHIP	1K	5%	1/10W

STR-DA2400ES/DG920

CIS **DCDC CON** **DIGITAL**

Ref. No.	Part No.	Description			Remark
		< RELAY >			
RY4551	1-755-486-11	RELAY			
RY4552	1-755-486-11	RELAY			
RY4553	1-755-486-11	RELAY			
RY4554	1-755-486-11	RELAY			
**********					
	A-1441-448-A	DCDC CON BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1402	1-112-095-11	ELECT	3300uF	20%	35V
C1404	1-128-954-11	ELECT	1000uF	20%	25V
C1405	1-128-955-21	ELECT	2200uF	20%	25V
C1406	1-128-954-11	ELECT	1000uF	20%	25V
C1409	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1410	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1411	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1414	1-128-950-21	ELECT	1000uF	20%	16V
C1415	1-128-951-21	ELECT	2200uF	20%	16V
C1416	1-128-950-21	ELECT	1000uF	20%	16V
C1423	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1426	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1427	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1430	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
CN1400	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN1401	1-691-770-11	PLUG (MICRO CONNECTOR) 8P			
		< DIODE >			
D1404	8-719-312-08	DIODE FMB-G16L			
D1405	6-501-361-01	DIODE RB051LA-40TR			
D1406	6-501-003-11	DIODE D6SBN20-7001			
D1407	6-501-361-01	DIODE RB051LA-40TR			
		< FUSE HOLDER >			
FH1403	1-533-233-11	FUSE HOLDER			
FH1404	1-533-233-11	FUSE HOLDER			
		< IC >			
IC1401	8-759-474-09	IC SI-8050S-LF1101			
IC1402	6-711-058-01	IC SI-8008HFE			
IC1403	6-709-441-01	IC SI8008TM-TL			
		< COIL >			
L1402	1-456-545-11	COIL, CHOKE	100uH		
L1403	1-456-545-11	COIL, CHOKE	100uH		
L1404	1-456-545-11	COIL, CHOKE	100uH		
L1407	1-457-508-11	COIL, CHOKE			
L1408	1-481-254-11	COIL, CHOKE			
L1410	1-457-508-11	COIL, CHOKE			
		< RESISTOR >			
R1417	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1425	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R1427	1-218-835-11	METAL CHIP	330	0.5%	1/10W
R1428	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R1429	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R1430	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R1431	1-218-835-11	METAL CHIP	330	0.5%	1/10W
R1432	1-218-839-11	METAL CHIP	470	0.5%	1/10W
R1433	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R1434	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R1435	1-218-835-11	METAL CHIP	330	0.5%	1/10W
R1436	1-218-839-11	METAL CHIP	470	0.5%	1/10W
**********					
	A-1441-453-A	DIGITAL BOARD, COMPLETE (DG920)			
	A-1442-427-A	DIGITAL BOARD, COMPLETE (DA2400ES: US)			
	A-1537-487-A	DIGITAL BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)			
		**********			
	3-087-053-01	+BVTP2.6 (3CR)			
		< CAPACITOR >			
C2201	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2202	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2203	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2204	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2207	1-112-080-11	ELECT	470uF	20%	10V (DA2400ES: AEP, ECE, UK)
C2207	1-126-925-91	ELECT	470uF	20%	10V (DA2400ES: US/DG920)
C2208	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2209	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2210	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C2210	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C2211	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2212	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C2212	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C2213	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2221	1-112-080-11	ELECT	470uF	20%	10V (DA2400ES: AEP, ECE, UK)
C2221	1-126-925-91	ELECT	470uF	20%	10V (DA2400ES: US/DG920)
C2222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2223	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2224	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2225	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C2226	1-162-911-11	CERAMIC CHIP	6PF	0.5PF	50V
C2227	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2228	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2229	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2230	1-112-100-11	ELECT	10uF	20%	50V (DA2400ES: AEP, ECE, UK)
C2230	1-126-964-11	ELECT	10uF	20%	50V (DA2400ES: US/DG920)
C2231	1-112-080-11	ELECT	470uF	20%	10V (DA2400ES: AEP, ECE, UK)
C2231	1-126-925-91	ELECT	470uF	20%	10V (DA2400ES: US/DG920)
C2232	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2233	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2234	1-104-658-91	ELECT	100uF	20%	10V (DA2400ES: US/DG920)

Ref. No.	Part No.	Description				Remark
C2234	1-112-083-11	ELECT	100uF	20%	16V	
						(DA2400ES: AEP, ECE, UK)
C2235	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C2236	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2237	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C2238	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C2243	1-126-947-11	ELECT	47uF	20%	35V	
						(DA2400ES: US/DG920)
C2243	1-112-089-11	ELECT	47uF	20%	25V	
						(DA2400ES: AEP, ECE, UK)
C2245	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C2246	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2247	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2248	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2250	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2251	1-112-080-11	ELECT	470uF	20%	10V	
						(DA2400ES: AEP, ECE, UK)
C2251	1-126-925-91	ELECT	470uF	20%	10V	
						(DA2400ES: US/DG920)
C2252	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2253	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C2254	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2255	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C2256	1-104-658-91	ELECT	100uF	20%	10V	
						(DA2400ES: US/DG920)
C2256	1-112-083-11	ELECT	100uF	20%	16V	
						(DA2400ES: AEP, ECE, UK)
C2257	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2258	1-104-658-91	ELECT	100uF	20%	10V	
						(DA2400ES: US/DG920)
C2258	1-112-083-11	ELECT	100uF	20%	16V	
						(DA2400ES: AEP, ECE, UK)
C2259	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2261	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2262	1-126-947-11	ELECT	47uF	20%	35V	
						(DA2400ES: US/DG920)
C2262	1-112-089-11	ELECT	47uF	20%	25V	
						(DA2400ES: AEP, ECE, UK)
C2271	1-112-114-11	ELECT	22uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2271	1-126-965-91	ELECT	22uF	20%	50V	
						(DA2400ES: US/DG920)
C2272	1-104-658-91	ELECT	100uF	20%	10V	
						(DA2400ES: US/DG920)
C2272	1-112-083-11	ELECT	100uF	20%	16V	
						(DA2400ES: AEP, ECE, UK)
C2273	1-112-114-11	ELECT	22uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2273	1-126-965-91	ELECT	22uF	20%	50V	
						(DA2400ES: US/DG920)
C2274	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2275	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2276	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)
C2278	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2278	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2279	1-112-077-11	ELECT	1000uF	20%	6.3V	
						(DA2400ES: AEP, ECE, UK)
C2279	1-126-916-11	ELECT	1000uF	20%	6.3V	
						(DA2400ES: US/DG920)
C2281	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	

Ref. No.	Part No.	Description				Remark
C2282	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2282	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2283	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2285	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)
C2286	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2289	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C2290	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2291	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2292	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2293	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)
C2294	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2295	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2295	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2296	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2296	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2297	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2298	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)
C2299	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2300	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2301	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2302	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)
C2303	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2303	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2304	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2304	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2305	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2306	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)
C2307	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2309	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2310	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2311	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)
C2314	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2314	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2316	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2316	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2317	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C2318	1-137-457-11	MYLAR	0.0027uF	5%	100V	
						(DA2400ES: AEP, ECE, UK)

DIGITAL

Ref. No.	Part No.	Description				Remark
C2319	1-137-429-11	MYLAR	270PF	5%	50V	
						(DA2400ES: AEP, ECE, UK)
C2329	1-164-816-11	CERAMIC CHIP	220PF	2%	50V	
C2337	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	
C2361	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2362	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2363	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2364	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2365	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2366	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2367	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2368	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	
						(DA2400ES: US/DG920)
C2369	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2370	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2371	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2372	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2373	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2374	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2375	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2376	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	
						(DA2400ES: US/DG920)
C2377	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2378	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2378	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2383	1-112-080-11	ELECT	470uF	20%	10V	
						(DA2400ES: AEP, ECE, UK)
C2383	1-126-925-91	ELECT	470uF	20%	10V	
						(DA2400ES: US/DG920)
C2397	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2398	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C2401	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2402	1-112-080-11	ELECT	470uF	20%	10V	
						(DA2400ES: AEP, ECE, UK)
C2402	1-126-925-91	ELECT	470uF	20%	10V	
						(DA2400ES: US/DG920)
C2404	1-112-100-11	ELECT	10uF	20%	50V	
						(DA2400ES: AEP, ECE, UK)
C2404	1-126-964-11	ELECT	10uF	20%	50V	
						(DA2400ES: US/DG920)
C2405	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2406	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2407	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C2408	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C2409	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C2412	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C2413	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	

Ref. No.	Part No.	Description				Remark
C2414	1-112-080-11	ELECT	470uF	20%	10V	
						(DA2400ES: AEP, ECE, UK)
C2414	1-126-925-91	ELECT	470uF	20%	10V	
						(DA2400ES: US/DG920)
C2415	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
		< CONNECTOR >				
CN2206	1-785-910-21	CONNECTOR, BOARD TO BOARD 50P				
* CN2208	1-564-508-11	PLUG, CONNECTOR 5P				
CN2212	1-770-409-11	CONNECTOR, BOARD TO BOARD 16P				
CN2213	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P				
CN2214	1-770-405-11	CONNECTOR, BOARD TO BOARD 8P				
CN2217	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P				
CN2218	1-766-724-11	CONNECTOR, BOARD TO BOARD 7P				
		< DIODE >				
D2201	6-501-817-01	DIODE MA2J1110GLS0				
D2202	8-719-053-18	DIODE 1SR154-400TE-25				
D2203	6-501-817-01	DIODE MA2J1110GLS0				
		< FERRITE BEAD >				
FB2201	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2202	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2203	1-469-139-21	FERRITE, EMI (SMD) (2012)				
FB2204	1-469-139-21	FERRITE, EMI (SMD) (2012)				
FB2205	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2206	1-469-139-21	FERRITE, EMI (SMD) (2012)				
FB2207	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2208	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2210	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2211	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2212	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2213	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2214	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2215	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2217	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2219	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2220	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB2221	1-469-152-11	FERRITE, EMI (SMD) (2012)				
		< IC >				
IC2201	6-600-466-01	IC TORX147L (SONY) (TV OPTICAL IN)				
IC2202	6-600-466-01	IC TORX147L (SONY)				
		(DIGITAL ASSIGNABLE OPTICAL VIDEO 1 IN)				
IC2204	6-600-466-01	IC TORX147L (SONY)				
		(DIGITAL ASSIGNABLE OPTICAL SAT IN)				
IC2208	6-708-025-01	IC LC89057W-VF4A-E				
IC2209	8-759-233-64	IC TC74HCU04AF				
IC2210	8-759-268-29	IC SN74HC595ANS				
IC2211	8-759-524-48	IC TC74VHC393FT (EL)				
IC2212	8-759-524-10	IC TC74VHC157FT (EL)				
IC2219	8-759-710-97	IC NJM4565M-D				
IC2220	8-759-710-97	IC NJM4565M-D				
IC2221	8-759-710-97	IC NJM4565M-D				
IC2222	8-759-710-97	IC NJM4565M-D				
IC2226	8-759-447-77	IC TC7WH74FU (TE12R)				
IC2230	6-705-337-01	IC TK11150CSCL-G				
IC2232	8-759-523-81	IC TC74VHC08FT (EL)				
IC2233	6-710-554-01	IC PCM1808PWR				
IC2234	8-759-592-47	IC TC7SZ08FU (TE85R)				
IC2236	8-759-564-49	IC TC7W53FU (TE12R)				

Ref. No.	Part No.	Description			Remark
IC2237	8-759-236-19	IC TC74HC151AF (EL)			
IC2238	6-708-785-01	IC PCM1609APT			
		< JACK >			
J2202	1-822-079-11	PIN JACK (DIGITAL ASSIGNABLE COAXIAL DVD/SA-CD/CD IN)			
		< TRANSISTOR >			
Q2205	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q2206	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
		< RESISTOR >			
R2201	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2202	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2203	1-208-755-11	METAL CHIP	75	0.5%	1/10W
R2204	1-208-755-11	METAL CHIP	75	0.5%	1/10W
R2206	1-216-809-11	METAL CHIP	100	5%	1/10W
R2207	1-216-809-11	METAL CHIP	100	5%	1/10W
R2208	1-216-809-11	METAL CHIP	100	5%	1/10W
R2209	1-216-809-11	METAL CHIP	100	5%	1/10W
R2210	1-216-809-11	METAL CHIP	100	5%	1/10W
R2212	1-216-809-11	METAL CHIP	100	5%	1/10W
R2213	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2214	1-208-774-11	METAL CHIP	470	0.5%	1/10W
R2215	1-208-774-11	METAL CHIP	470	0.5%	1/10W
R2217	1-208-550-41	RES-CHIP	470K	2%	1/10W
R2219	1-208-550-41	RES-CHIP	470K	2%	1/10W
R2221	1-208-526-41	RES-CHIP	47K	2%	1/10W
R2222	1-208-526-41	RES-CHIP	47K	2%	1/10W
R2224	1-216-809-11	METAL CHIP	100	5%	1/10W
R2225	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2226	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2228	1-216-809-11	METAL CHIP	100	5%	1/10W
R2229	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2230	1-216-809-11	METAL CHIP	100	5%	1/10W
R2231	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2233	1-216-857-11	METAL CHIP	1M	5%	1/10W
R2234	1-216-809-11	METAL CHIP	100	5%	1/10W
R2235	1-216-813-11	METAL CHIP	220	5%	1/10W
R2236	1-216-809-11	METAL CHIP	100	5%	1/10W
R2238	1-216-815-11	METAL CHIP	330	5%	1/10W
R2240	1-216-809-11	METAL CHIP	100	5%	1/10W
R2241	1-216-809-11	METAL CHIP	100	5%	1/10W
R2242	1-216-809-11	METAL CHIP	100	5%	1/10W
R2243	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R2246	1-216-813-11	METAL CHIP	220	5%	1/10W
R2248	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2249	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2250	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2251	1-216-809-11	METAL CHIP	100	5%	1/10W
R2252	1-216-809-11	METAL CHIP	100	5%	1/10W
R2253	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2256	1-216-809-11	METAL CHIP	100	5%	1/10W
R2257	1-216-809-11	METAL CHIP	100	5%	1/10W
R2258	1-216-809-11	METAL CHIP	100	5%	1/10W
R2259	1-216-805-11	METAL CHIP	47	5%	1/10W
R2260	1-216-805-11	METAL CHIP	47	5%	1/10W
R2261	1-216-805-11	METAL CHIP	47	5%	1/10W
R2262	1-216-805-11	METAL CHIP	47	5%	1/10W
R2265	1-216-811-11	METAL CHIP	150	5%	1/10W

Ref. No.	Part No.	Description			Remark
R2267	1-216-809-11	METAL CHIP	100	5%	1/10W
R2277	1-216-809-11	METAL CHIP	100	5%	1/10W
R2278	1-216-809-11	METAL CHIP	100	5%	1/10W
R2282	1-216-809-11	METAL CHIP	100	5%	1/10W
R2287	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2288	1-216-809-11	METAL CHIP	100	5%	1/10W
R2293	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2294	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2295	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2296	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2298	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2299	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2301	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2302	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2304	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2305	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2307	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2308	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2309	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2310	1-216-809-11	METAL CHIP	100	5%	1/10W
R2312	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2313	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2314	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2315	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2316	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2317	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2318	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2319	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2320	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2321	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2322	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2323	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2324	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2325	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2326	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2327	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2328	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2333	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2336	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2337	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2338	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2342	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2344	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2347	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2349	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2354	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2355	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2375	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2376	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2377	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2378	1-216-809-11	METAL CHIP	100	5%	1/10W
R2379	1-216-809-11	METAL CHIP	100	5%	1/10W
R2380	1-216-809-11	METAL CHIP	100	5%	1/10W
R2381	1-216-809-11	METAL CHIP	100	5%	1/10W
R2387	1-216-797-11	METAL CHIP	10	5%	1/10W
R2388	1-216-797-11	METAL CHIP	10	5%	1/10W
R2389	1-216-797-11	METAL CHIP	10	5%	1/10W
R2390	1-216-797-11	METAL CHIP	10	5%	1/10W
R2391	1-216-797-11	METAL CHIP	10	5%	1/10W
R2392	1-216-797-11	METAL CHIP	10	5%	1/10W

DIGITAL **DIGITAL VIDEO**

Ref. No.	Part No.	Description			Remark
R2393	1-216-797-11	METAL CHIP	10	5%	1/10W
R2394	1-216-797-11	METAL CHIP	10	5%	1/10W
R2395	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2397	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2407	1-216-809-11	METAL CHIP	100	5%	1/10W
R2408	1-216-809-11	METAL CHIP	100	5%	1/10W
R2409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2410	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2411	1-216-857-11	METAL CHIP	1M	5%	1/10W
R2412	1-216-805-11	METAL CHIP	47	5%	1/10W
R2413	1-216-864-11	SHORT CHIP	0		
R2415	1-216-809-11	METAL CHIP	100	5%	1/10W
R2417	1-216-809-11	METAL CHIP	100	5%	1/10W
R2432	1-216-813-11	METAL CHIP	220	5%	1/10W
R2444	1-216-809-11	METAL CHIP	100	5%	1/10W
R2445	1-216-809-11	METAL CHIP	100	5%	1/10W
R2446	1-216-809-11	METAL CHIP	100	5%	1/10W
R2447	1-216-809-11	METAL CHIP	100	5%	1/10W
R2451	1-216-797-11	METAL CHIP	10	5%	1/10W
R2452	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2465	1-216-809-11	METAL CHIP	100	5%	1/10W
R2466	1-216-809-11	METAL CHIP	100	5%	1/10W
R2467	1-216-809-11	METAL CHIP	100	5%	1/10W
R2468	1-216-809-11	METAL CHIP	100	5%	1/10W
R2469	1-216-864-11	SHORT CHIP	0		
R2470	1-216-864-11	SHORT CHIP	0		
R2471	1-216-864-11	SHORT CHIP	0		
R2473	1-216-864-11	SHORT CHIP	0		
R2474	1-216-864-11	SHORT CHIP	0		
R2475	1-216-864-11	SHORT CHIP	0		
R2476	1-216-864-11	SHORT CHIP	0		
R2477	1-216-864-11	SHORT CHIP	0		
R2478	1-216-864-11	SHORT CHIP	0		
R2479	1-216-864-11	SHORT CHIP	0		
R2480	1-216-864-11	SHORT CHIP	0		
R2481	1-216-864-11	SHORT CHIP	0		
R2482	1-216-864-11	SHORT CHIP	0		
R2483	1-216-864-11	SHORT CHIP	0		
R2484	1-216-864-11	SHORT CHIP	0		
R2486	1-216-864-11	SHORT CHIP	0		
R2487	1-216-805-11	METAL CHIP	47	5%	1/10W
R2488	1-216-813-11	METAL CHIP	220	5%	1/10W
R2490	1-216-864-11	SHORT CHIP	0		
R2500	1-216-864-11	SHORT CHIP	0		
R2501	1-216-864-11	SHORT CHIP	0		
R2502	1-216-809-11	METAL CHIP	100	5%	1/10W
R2503	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2504	1-216-809-11	METAL CHIP	100	5%	1/10W
R2507	1-216-809-11	METAL CHIP	100	5%	1/10W
R2508	1-216-809-11	METAL CHIP	100	5%	1/10W
R2509	1-216-809-11	METAL CHIP	100	5%	1/10W
R2511	1-216-809-11	METAL CHIP	100	5%	1/10W
R2512	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2513	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2515	1-216-805-11	METAL CHIP	47	5%	1/10W
R2516	1-216-809-11	METAL CHIP	100	5%	1/10W
R2517	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
		< VIBRATOR >			
X2201	1-795-219-21	VIBRATOR, CRYSTAL (24.576MHz)			
**********					
	A-1441-458-A	DIGITAL VIDEO BOARD, COMPLETE			(for SERVICE)
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C3000	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3001	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3002	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3003	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3004	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3005	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3006	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3200	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3201	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3203	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3204	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3206	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3209	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3211	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3213	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3215	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3216	1-165-880-21	ELECT CHIP	220uF	20%	2.5V
C3217	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3218	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3219	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3220	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3223	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3224	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3230	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3231	1-165-662-21	ELECT CHIP	220uF	20%	4V
C3240	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3242	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3245	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3248	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3249	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3250	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3251	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3252	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3253	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3254	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3255	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3256	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3257	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3258	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3259	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3260	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3261	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3262	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3263	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3264	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3265	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3266	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3267	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3268	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3269	1-165-875-11	CERAMIC CHIP	10uF	10%	10V

Ref. No.	Part No.	Description			Remark
C3270	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3271	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3272	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3273	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3274	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3275	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3276	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3277	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3278	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3279	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3280	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3281	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3282	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3283	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3284	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3285	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3286	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3287	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3288	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3289	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3290	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3291	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3292	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3293	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3294	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3295	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3296	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3297	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3298	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3299	1-165-662-21	ELECT CHIP	220uF	20%	4V
C3300	1-126-207-11	ELECT CHIP	33uF	20%	4V
C3301	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3302	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3303	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3304	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3305	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3306	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3307	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3308	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3309	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3310	1-114-552-21	ELECT CHIP	100uF	20%	35V
C3311	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3312	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3313	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3314	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3315	1-165-662-21	ELECT CHIP	220uF	20%	4V
C3316	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3317	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3318	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3319	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3320	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3321	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3322	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3323	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3324	1-100-635-21	ELECT CHIP	82uF	20%	4V
C3325	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3326	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3327	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3328	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3329	1-165-662-21	ELECT CHIP	220uF	20%	4V

Ref. No.	Part No.	Description			Remark
C3330	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3331	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3332	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3333	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3334	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3335	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3336	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3337	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3338	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3339	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3340	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3341	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3342	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3343	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3344	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3345	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3346	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3347	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3348	1-165-662-21	ELECT CHIP	220uF	20%	4V
C3349	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3350	1-165-669-21	ELECT CHIP	220uF	20%	6.3V
C3351	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3352	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3353	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3354	1-114-552-21	ELECT CHIP	100uF	20%	35V
C3355	1-126-207-11	ELECT CHIP	33uF	20%	4V
C3356	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3357	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C3358	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C3359	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3360	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3361	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3362	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3363	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3364	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3365	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3366	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3367	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3368	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3369	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C3370	1-165-662-21	ELECT CHIP	220uF	20%	4V
C3371	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3372	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3373	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3374	1-114-552-21	ELECT CHIP	100uF	20%	35V
C3503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3506	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3509	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3511	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3514	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3516	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3518	1-112-071-11	ELECT CHIP	220uF	20%	6.3V

DIGITAL VIDEO

Ref. No.	Part No.	Description			Remark
C3519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3521	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3523	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3524	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3526	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3527	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3528	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3529	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3530	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3531	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3532	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3534	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3535	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3538	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3539	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3540	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3541	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3542	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3543	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3544	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C3545	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3546	1-112-071-11	ELECT CHIP	220uF	20%	6.3V
C3547	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3548	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3549	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3550	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3551	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3552	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3553	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3554	1-112-071-11	ELECT CHIP	220uF	20%	6.3V
C3555	1-112-071-11	ELECT CHIP	220uF	20%	6.3V
C3556	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3557	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3558	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3559	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3560	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3561	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3562	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3563	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3564	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3565	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3566	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3567	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3568	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3569	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3570	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3571	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3572	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3573	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3576	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3577	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3578	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3579	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3580	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3581	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3582	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3583	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3584	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3585	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3586	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3587	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3588	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3589	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3590	1-100-669-11	ELECT CHIP	100uF	20%	10V
C3591	1-100-669-11	ELECT CHIP	100uF	20%	10V
C3592	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3593	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3598	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3599	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3600	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3602	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3603	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3604	1-128-995-21	ELECT CHIP	100uF	20%	10V
C3605	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3606	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3608	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3609	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3610	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3651	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3870	1-112-788-11	ELECT CHIP	330uF	20%	6.3V
C3871	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C3872	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3874	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3875	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3876	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3877	1-128-994-21	ELECT CHIP	47uF	20%	10V
C3878	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3879	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3880	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3881	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3882	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3883	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3884	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3885	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3886	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3887	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3888	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
* C3889	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C3890	1-163-022-00	CERAMIC CHIP	0.012uF	10%	50V
C3891	1-131-664-91	CERAMIC CHIP	0.15uF	10%	10V
C3892	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3896	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3897	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C3898	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3900	1-126-207-11	ELECT CHIP	33uF	20%	4V
C3901	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
		< CONNECTOR >			
CN3000	1-770-409-11	CONNECTOR, BOARD TO BOARD 16P			
CN3001	1-784-859-51	CONNECTOR, FFC (LIF (NON-ZIF)) 7P			
CN3200	1-779-992-11	PIN, CONNECTOR (PWB) 8P			
* CN3201	1-764-250-11	PIN, CONNECTOR (PC BOARD) 4P			
CN3500	1-820-735-31	HDMI CONNECTOR			
CN3501	1-820-735-31	HDMI CONNECTOR (HDMI SAT IN)			
CN3502	1-820-735-31	HDMI CONNECTOR (HDMI BD IN)			
CN3503	1-820-735-31	HDMI CONNECTOR (HDMI VIDEO 1 IN)			

Ref. No.	Part No.	Description	Remark
CN3504	1-770-406-11	CONNECTOR, BOARD TO BOARD 10P	
CN3505	1-820-735-31	HDMI CONNECTOR (HDMI OUT)	
CN3506	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P	
CN3800	1-785-728-21	PIN (PC BOARD), CONNECTOR 7P	
		< DIODE >	
D3000	8-719-049-09	DIODE 1SS367-T3SONY	
D3001	8-719-049-09	DIODE 1SS367-T3SONY	
D3204	8-719-210-39	DIODE EC10QS-04	
D3205	8-719-312-08	DIODE FMB-G16L	
D3206	8-719-312-08	DIODE FMB-G16L	
D3207	8-719-053-18	DIODE 1SR154-400TE-25	
D3500	6-501-817-01	DIODE MA2J1110GLS0	
D3501	6-501-817-01	DIODE MA2J1110GLS0	
D3511	8-719-073-81	DIODE EC21QS06-TE12L	
D3512	8-719-073-81	DIODE EC21QS06-TE12L	
		< EARTH TERMINAL >	
ET3501	1-780-318-11	TERMINAL	
ET3502	1-780-318-11	TERMINAL	
		< FERRITE BEAD >	
FB3000	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3202	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3203	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB3204	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3205	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3206	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB3207	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3208	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3209	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB3210	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3211	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3212	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3213	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3214	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3500	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB3503	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3504	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB3505	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB3506	1-469-139-21	FERRITE, EMI (SMD) (2012)	
FB3507	1-469-139-21	FERRITE, EMI (SMD) (2012)	
FB3508	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB3509	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3808	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3809	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3810	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3811	1-469-152-11	FERRITE, EMI (SMD) (2012)	
		< COIL >	
* FL3500	1-813-880-11	COMMON MODE CHOKE COIL	
* FL3501	1-813-880-11	COMMON MODE CHOKE COIL	
* FL3502	1-813-880-11	COMMON MODE CHOKE COIL	
* FL3503	1-813-880-11	COMMON MODE CHOKE COIL	
		< IC >	
IC3000	A-1550-924-A	IC M30620FCPGP U5C (for SERVICE)	
IC3200	6-710-521-11	IC HY5DU561622ETP-4-C	
IC3203	6-710-521-11	IC HY5DU561622ETP-4-C	
IC3205	6-702-300-01	IC TK11118CSCL-G	
IC3206	6-705-468-01	IC BA33BC0FP-E2	
IC3207	6-700-394-01	IC BA25BC0FP-E2	
IC3208	6-705-468-01	IC BA33BC0FP-E2	
IC3209	6-600-632-01	IC SI-3011ZFE	
IC3210	6-808-232-02	IC SST39VF3202704IEKE-24FLIX10	
IC3211	6-704-573-01	IC M24C32-WMN6T (B)	
IC3212	6-705-468-01	IC BA33BC0FP-E2	
IC3501	8-753-282-08	IC CXB1444R-T6	
IC3502	6-708-758-01	IC PCA9517DP.118	
IC3503	8-759-596-39	IC SN74LV4052APWR	
IC3504	8-759-596-39	IC SN74LV4052APWR	
IC3505	6-704-001-01	IC BR24L02F-WSE2	
IC3506	(Not supplied)	IC SII9135CTU	
IC3507	8-759-524-50	IC TC74VHC541FT (EL)	
IC3508	(Not supplied)	IC SII9134CTU	
IC3509	6-705-337-01	IC TK11150CSCL-G	
IC3510	6-705-337-01	IC TK11150CSCL-G	
IC3511	6-708-913-01	IC TK73400AU3G0L-C	
IC3512	6-708-913-01	IC TK73400AU3G0L-C	
IC3513	8-759-679-36	IC TC7WT125FU (TE12R)	
@ IC3601	6-711-139-01	IC FLI8638-LF	
IC3800	6-711-254-01	IC ADV7392BCPZ	
IC3807	6-702-300-01	IC TK11118CSCL-G	
IC3809	6-702-302-01	IC TK11133CSCL-G	
IC3810	6-710-444-01	IC CY2302-SXC-1T	
		< COIL >	
L3500	1-469-525-91	INDUCTOR 10uH	
L3501	1-469-525-91	INDUCTOR 10uH	
L3502	1-469-525-91	INDUCTOR 10uH	
L3503	1-469-525-91	INDUCTOR 10uH	
L3504	1-469-525-91	INDUCTOR 10uH	
L3505	1-469-525-91	INDUCTOR 10uH	
L3506	1-469-525-91	INDUCTOR 10uH	
		< TRANSISTOR >	
Q3500	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3501	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3505	8-729-027-46	TRANSISTOR DTC114YKA-T146	
		< RESISTOR/FERRITE BEAD >	
R3001	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3002	1-216-809-11	METAL CHIP 100 5% 1/10W	
R3003	1-216-864-11	SHORT CHIP 0	
R3004	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3005	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3006	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3008	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3009	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R3010	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3011	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R3012	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3013	1-216-801-11	METAL CHIP 22 5% 1/10W	
R3014	1-216-801-11	METAL CHIP 22 5% 1/10W	
R3015	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3017	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3018	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3020	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3021	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3023	1-216-833-11	METAL CHIP 10K 5% 1/10W	

Note: IC3506 and IC3508 cannot exchange with single. When IC3506 and IC3508 are damaged, exchange the entire mounted board.

@ Replacement of IC3601 used in this set requires a special tool.

DIGITAL VIDEO

Ref. No.	Part No.	Description			Remark
R3024	1-216-805-11	METAL CHIP	47	5%	1/10W
R3025	1-216-805-11	METAL CHIP	47	5%	1/10W
R3026	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3027	1-216-805-11	METAL CHIP	47	5%	1/10W
R3028	1-216-864-11	SHORT CHIP	0		
R3029	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3030	1-216-805-11	METAL CHIP	47	5%	1/10W
R3031	1-216-805-11	METAL CHIP	47	5%	1/10W
R3032	1-216-805-11	METAL CHIP	47	5%	1/10W
R3033	1-216-805-11	METAL CHIP	47	5%	1/10W
R3034	1-216-805-11	METAL CHIP	47	5%	1/10W
R3035	1-216-805-11	METAL CHIP	47	5%	1/10W
R3036	1-216-805-11	METAL CHIP	47	5%	1/10W
R3037	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3038	1-216-805-11	METAL CHIP	47	5%	1/10W
R3200	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3201	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3202	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3203	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3204	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3205	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3206	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3207	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3208	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3209	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3228	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3229	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3230	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3231	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3240	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3242	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3243	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3244	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3245	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3246	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3247	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3250	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3251	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3253	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3254	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3255	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3256	1-208-677-11	METAL CHIP	560	0.5%	1/16W
R3257	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3258	1-208-677-11	METAL CHIP	560	0.5%	1/16W
R3259	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3260	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3261	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3263	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3264	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3266	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3268	1-218-990-81	SHORT CHIP	0		
R3269	1-218-990-81	SHORT CHIP	0		
R3271	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3272	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3273	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3274	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3276	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3277	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3278	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3279	1-208-647-11	METAL CHIP	33	0.5%	1/16W

Ref. No.	Part No.	Description			Remark
R3280	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3281	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3282	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3283	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3284	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3285	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R3286	1-218-990-81	SHORT CHIP	0		
R3287	1-218-990-81	SHORT CHIP	0		
R3288	1-218-990-81	SHORT CHIP	0		
R3289	1-218-990-81	SHORT CHIP	0		
R3290	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3291	1-218-933-11	RES-CHIP	22	5%	1/16W
R3292	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3293	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3314	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3315	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3316	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3317	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3318	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3319	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3320	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3321	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3322	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3323	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3324	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3325	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3327	1-211-987-11	METAL CHIP	56	0.5%	1/10W
R3328	1-211-987-11	METAL CHIP	56	0.5%	1/10W
R3329	1-216-864-11	SHORT CHIP	0		
R3330	1-211-987-11	METAL CHIP	56	0.5%	1/10W
R3331	1-211-987-11	METAL CHIP	56	0.5%	1/10W
R3332	1-211-987-11	METAL CHIP	56	0.5%	1/10W
R3333	1-211-987-11	METAL CHIP	56	0.5%	1/10W
R3334	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3335	1-211-987-11	METAL CHIP	56	0.5%	1/10W
R3336	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3337	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3338	1-208-677-11	METAL CHIP	560	0.5%	1/16W
R3339	1-208-677-11	METAL CHIP	560	0.5%	1/16W
R3340	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3341	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R3342	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3343	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3344	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3345	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3346	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3347	1-216-810-11	METAL CHIP	120	5%	1/10W
R3348	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3349	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3350	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3351	1-216-810-11	METAL CHIP	120	5%	1/10W
R3353	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3355	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3356	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3362	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3363	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3364	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3365	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3367	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3370	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R3371	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3372	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3373	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3374	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3378	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3379	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3380	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3381	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3382	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3383	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3384	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3385	1-216-864-11	SHORT CHIP	0		
R3386	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3387	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3388	1-216-864-11	SHORT CHIP	0		
R3389	1-216-864-11	SHORT CHIP	0		
R3390	1-216-864-11	SHORT CHIP	0		
R3391	1-216-864-11	SHORT CHIP	0		
R3392	1-216-864-11	SHORT CHIP	0		
R3393	1-216-864-11	SHORT CHIP	0		
R3394	1-216-864-11	SHORT CHIP	0		
R3395	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R3396	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R3397	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3501	1-216-864-11	SHORT CHIP	0		
R3503	1-216-864-11	SHORT CHIP	0		
R3505	1-216-864-11	SHORT CHIP	0		
R3508	1-216-864-11	SHORT CHIP	0		
R3509	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3510	1-216-805-11	METAL CHIP	47	5%	1/10W
R3511	1-216-805-11	METAL CHIP	47	5%	1/10W
R3512	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3514	1-216-805-11	METAL CHIP	47	5%	1/10W
R3515	1-216-805-11	METAL CHIP	47	5%	1/10W
R3517	1-216-805-11	METAL CHIP	47	5%	1/10W
R3518	1-216-805-11	METAL CHIP	47	5%	1/10W
R3520	1-216-805-11	METAL CHIP	47	5%	1/10W
R3521	1-216-805-11	METAL CHIP	47	5%	1/10W
R3522	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3523	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3524	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3525	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3526	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3527	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3528	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3529	1-216-864-11	SHORT CHIP	0		
R3530	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3531	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3532	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3533	1-216-864-11	SHORT CHIP	0		
R3536	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3541	1-216-864-11	SHORT CHIP	0		
R3542	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3543	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3545	1-216-805-11	METAL CHIP	47	5%	1/10W
R3546	1-216-805-11	METAL CHIP	47	5%	1/10W
R3547	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3548	1-216-864-11	SHORT CHIP	0		
R3551	1-216-864-11	SHORT CHIP	0		
R3552	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3554	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3556	1-216-864-11	SHORT CHIP	0		
R3557	1-216-805-11	METAL CHIP	47	5%	1/10W
R3558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3559	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3560	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3561	1-216-805-11	METAL CHIP	47	5%	1/10W
R3562	1-216-805-11	METAL CHIP	47	5%	1/10W
R3563	1-216-805-11	METAL CHIP	47	5%	1/10W
R3564	1-216-864-11	SHORT CHIP	0		
R3565	1-216-864-11	SHORT CHIP	0		
R3566	1-216-805-11	METAL CHIP	47	5%	1/10W
R3567	1-216-805-11	METAL CHIP	47	5%	1/10W
R3568	1-216-864-11	SHORT CHIP	0		
R3570	1-216-805-11	METAL CHIP	47	5%	1/10W
R3571	1-216-805-11	METAL CHIP	47	5%	1/10W
R3572	1-216-805-11	METAL CHIP	47	5%	1/10W
R3573	1-216-864-11	SHORT CHIP	0		
R3574	1-216-805-11	METAL CHIP	47	5%	1/10W
R3575	1-216-805-11	METAL CHIP	47	5%	1/10W
R3577	1-216-805-11	METAL CHIP	47	5%	1/10W
R3578	1-216-805-11	METAL CHIP	47	5%	1/10W
R3579	1-216-813-11	METAL CHIP	220	5%	1/10W
R3580	1-216-805-11	METAL CHIP	47	5%	1/10W
R3582	1-216-797-11	METAL CHIP	10	5%	1/10W
R3583	1-216-813-11	METAL CHIP	220	5%	1/10W
R3585	1-216-797-11	METAL CHIP	10	5%	1/10W
R3586	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3587	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3588	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3589	1-216-809-11	METAL CHIP	100	5%	1/10W
R3590	1-216-801-11	METAL CHIP	22	5%	1/10W
R3591	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3592	1-216-805-11	METAL CHIP	47	5%	1/10W
R3593	1-216-805-11	METAL CHIP	47	5%	1/10W
R3594	1-216-809-11	METAL CHIP	100	5%	1/10W
R3595	1-216-809-11	METAL CHIP	100	5%	1/10W
R3596	1-216-809-11	METAL CHIP	100	5%	1/10W
R3597	1-216-809-11	METAL CHIP	100	5%	1/10W
R3598	1-216-813-11	METAL CHIP	220	5%	1/10W
R3599	1-216-809-11	METAL CHIP	100	5%	1/10W
R3600	1-216-864-11	SHORT CHIP	0		
R3601	1-216-029-00	RES-CHIP	150	5%	1/10W
R3602	1-216-864-11	SHORT CHIP	0		
R3603	1-216-797-11	METAL CHIP	10	5%	1/10W
R3604	1-216-797-11	METAL CHIP	10	5%	1/10W
R3605	1-216-797-11	METAL CHIP	10	5%	1/10W
R3606	1-216-805-11	METAL CHIP	47	5%	1/10W
R3607	1-216-805-11	METAL CHIP	47	5%	1/10W
R3608	1-216-805-11	METAL CHIP	47	5%	1/10W
R3609	1-216-805-11	METAL CHIP	47	5%	1/10W
R3610	1-216-805-11	METAL CHIP	47	5%	1/10W
R3611	1-216-805-11	METAL CHIP	47	5%	1/10W
R3612	1-216-805-11	METAL CHIP	47	5%	1/10W
R3613	1-216-805-11	METAL CHIP	47	5%	1/10W
R3621	1-216-864-11	SHORT CHIP	0		
R3622	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3623	1-216-809-11	METAL CHIP	100	5%	1/10W
R3624	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

DIGITAL VIDEO **DISPLAY**

Ref. No.	Part No.	Description			Remark
R3625	1-218-843-11	METAL CHIP	680	0.5%	1/10W
R3626	1-216-797-11	METAL CHIP	10	5%	1/10W
R3627	1-216-797-11	METAL CHIP	10	5%	1/10W
R3628	1-216-864-11	SHORT CHIP	0		
R3629	1-216-805-11	METAL CHIP	47	5%	1/10W
R3630	1-216-864-11	SHORT CHIP	0		
R3631	1-216-805-11	METAL CHIP	47	5%	1/10W
R3632	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R3633	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R3634	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3635	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R3636	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3637	1-216-864-11	SHORT CHIP	0		
R3638	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3639	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3640	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3641	1-216-864-11	SHORT CHIP	0		
R3644	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3645	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3646	1-216-809-11	METAL CHIP	100	5%	1/10W
R3647	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3648	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3649	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3650	1-469-139-21	FERRITE, EMI (SMD) (2012)			
R3651	1-469-139-21	FERRITE, EMI (SMD) (2012)			
R3652	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3653	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3660	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3802	1-216-864-11	SHORT CHIP	0		
R3804	1-216-864-11	SHORT CHIP	0		
R3805	1-216-864-11	SHORT CHIP	0		
R3826	1-216-805-11	METAL CHIP	47	5%	1/10W
R3827	1-216-805-11	METAL CHIP	47	5%	1/10W
R3828	1-216-805-11	METAL CHIP	47	5%	1/10W
R3830	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R3837	1-216-812-11	METAL CHIP	180	5%	1/10W
R3838	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3845	1-216-805-11	METAL CHIP	47	5%	1/10W
R3846	1-216-801-11	METAL CHIP	22	5%	1/10W
R3847	1-216-801-11	METAL CHIP	22	5%	1/10W
R3871	1-216-809-11	METAL CHIP	100	5%	1/10W
R3872	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3873	1-216-864-11	SHORT CHIP	0		
R3874	1-216-864-11	SHORT CHIP	0		
R3875	1-216-864-11	SHORT CHIP	0		
R3876	1-216-809-11	METAL CHIP	100	5%	1/10W
R3877	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3878	1-216-803-11	METAL CHIP	33	5%	1/10W
R3879	1-216-803-11	METAL CHIP	33	5%	1/10W
R3880	1-218-831-11	METAL CHIP	220	0.5%	1/10W
		< COMPOSITION CIRCUIT BLOCK >			
RB3200	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB3201	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB3204	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB3209	1-242-963-21	RES, NETWORK 33 (1005X4)			
RB3211	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB3212	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB3213	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB3214	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB3215	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB3216	1-234-702-11	RES, NETWORK 68 (1005X4)			
RB3500	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3501	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3502	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3503	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3504	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3505	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3506	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3507	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3508	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3509	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3510	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3511	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3512	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3513	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3514	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3515	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3516	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3517	1-234-370-21	RES, NETWORK 22 (1005X4)			
RB3801	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3802	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3803	1-234-371-21	RES, NETWORK 47 (1005X4)			
RB3804	1-234-371-21	RES, NETWORK 47 (1005X4)			
		< VIBRATOR >			
X3000	1-795-244-11	VIBRATOR, CERAMIC (10MHz)			
X3201	1-813-808-11	VIBRATOR, CRYSTAL (19.6608MHz)			
X3500	1-813-570-21	VIBRATOR, CRYSTAL (28.322MHz)			

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	A-1441-434-A	DISPLAY BOARD, COMPLETE			
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		< CAPACITOR >			
C701	1-126-786-11	ELECT	47uF	20%	16V
C702	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C703	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C704	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C705	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C706	1-126-786-11	ELECT	47uF	20%	16V
C707	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C708	1-126-795-11	ELECT	10uF	20%	50V
C709	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C710	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C711	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C712	1-165-733-31	ELECT	100uF	20%	25V
C713	1-107-378-11	MYLAR	0.0039uF	5%	200V
C714	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C715	1-137-807-31	ELECT	100uF	20%	50V
C716	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C754	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C759	1-115-871-11	ELECT	1uF	20%	50V
C760	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C761	1-126-795-11	ELECT	10uF	20%	50V
C763	1-124-234-00	ELECT	22uF	20%	16V
C764	1-124-234-00	ELECT	22uF	20%	16V
C765	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C766	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C767	1-115-871-11	ELECT	1uF	20%	50V

Ref. No.	Part No.	Description			Remark
C768	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C769	1-126-786-11	ELECT	47uF	20%	16V
C770	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C771	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C775	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C776	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C778	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C779	1-126-382-11	ELECT	100uF	20%	16V
C780	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
* CN707	1-691-408-11	CONNECTOR, BOARD TO BOARD 7P			
CN717	1-779-277-11	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			
		< CONNECTOR >			
CNP701	1-784-927-11	PIN, CONNECTOR 12P			
CNP702	1-784-926-11	PIN, CONNECTOR 11P			
CNP711	1-784-928-11	PIN, CONNECTOR 13P			
		< DIODE >			
D702	8-719-075-59	LED SELS5B23C-TP15 (Digital Cinema Sound)			
D703	6-502-413-01	LED SELT5E23C-S TP15 (MULTI CHANNEL DECODING)			
D704	8-719-041-97	DIODE MA113- (TX)			
D705	8-719-041-97	DIODE MA113- (TX)			
D706	8-719-041-97	DIODE MA113- (TX)			
D707	8-719-041-97	DIODE MA113- (TX)			
D708	6-501-738-01	DIODE MAZ8062GMLS0			
D709	6-501-817-01	DIODE MA2J1110GLS0			
D710	8-719-053-18	DIODE 1SR154-400TE-25			
		< FERRITE BEAD >			
FB701	1-469-152-11	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC701	6-600-349-31	IC NJL24H400A			
IC705	8-759-701-01	IC NJM2904M			
		< COIL >			
L701	1-421-967-11	INDUCTOR	100uH		
L702	1-414-398-11	INDUCTOR	10uH		
		< FLUORESCENT INDICATOR TUBE >			
ND701	1-483-000-11	FL TUBE			
		< TRANSISTOR >			
Q701	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q702	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q703	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q704	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q705	8-729-808-42	TRANSISTOR	2SD1624-T		
Q706	8-729-808-42	TRANSISTOR	2SD1624-T		
Q709	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q710	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q711	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
Q712	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q713	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q714	8-729-027-43	TRANSISTOR	DTC114EKA-T146		

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R701	1-216-815-11	METAL CHIP	330	5%	1/10W
R704	1-216-864-11	SHORT CHIP	0		
R706	1-216-797-11	METAL CHIP	10	5%	1/10W
⚠ R707	1-249-385-91	CARBON	2.2	5%	1/4W F
⚠ R708	1-249-385-91	CARBON	2.2	5%	1/4W F
R709	1-216-809-11	METAL CHIP	100	5%	1/10W
R710	1-216-809-11	METAL CHIP	100	5%	1/10W
R711	1-216-809-11	METAL CHIP	100	5%	1/10W
R712	1-216-809-11	METAL CHIP	100	5%	1/10W
R713	1-216-809-11	METAL CHIP	100	5%	1/10W
R714	1-216-809-11	METAL CHIP	100	5%	1/10W
R715	1-216-809-11	METAL CHIP	100	5%	1/10W
R716	1-216-809-11	METAL CHIP	100	5%	1/10W
R717	1-216-809-11	METAL CHIP	100	5%	1/10W
R718	1-216-809-11	METAL CHIP	100	5%	1/10W
R719	1-216-815-11	METAL CHIP	330	5%	1/10W
R720	1-216-811-11	METAL CHIP	150	5%	1/10W
R721	1-216-813-11	METAL CHIP	220	5%	1/10W
R722	1-216-833-11	METAL CHIP	10K	5%	1/10W
R724	1-216-821-11	METAL CHIP	1K	5%	1/10W
R727	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R728	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R729	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R730	1-216-821-11	METAL CHIP	1K	5%	1/10W
R731	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R733	1-216-821-11	METAL CHIP	1K	5%	1/10W
R734	1-216-838-11	METAL CHIP	27K	5%	1/10W
R735	1-216-821-11	METAL CHIP	1K	5%	1/10W
R736	1-216-821-11	METAL CHIP	1K	5%	1/10W
R757	1-216-809-11	METAL CHIP	100	5%	1/10W
R758	1-216-817-11	METAL CHIP	470	5%	1/10W
R759	1-216-833-11	METAL CHIP	10K	5%	1/10W
R772	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R773	1-216-809-11	METAL CHIP	100	5%	1/10W
R774	1-216-841-11	METAL CHIP	47K	5%	1/10W
R775	1-216-841-11	METAL CHIP	47K	5%	1/10W
R777	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R779	1-216-833-11	METAL CHIP	10K	5%	1/10W
R780	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W
R781	1-216-841-11	METAL CHIP	47K	5%	1/10W
R782	1-216-842-11	METAL CHIP	56K	5%	1/10W
R783	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R787	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R788	1-216-821-11	METAL CHIP	1K	5%	1/10W
R790	1-216-833-11	METAL CHIP	10K	5%	1/10W
R791	1-216-833-11	METAL CHIP	10K	5%	1/10W
R792	1-216-845-11	METAL CHIP	100K	5%	1/10W
R793	1-216-845-11	METAL CHIP	100K	5%	1/10W
R794	1-216-821-11	METAL CHIP	1K	5%	1/10W
⚠ R800	1-218-867-91	METAL CHIP	6.8K	0.5%	1/10W F
R801	1-249-393-11	CARBON	10	5%	1/4W
		< SWITCH >			
S701	1-771-410-21	SWITCH, TACTILE (MUSIC)			
S702	1-771-410-21	SWITCH, TACTILE (MOVIE)			
S703	1-771-410-21	SWITCH, TACTILE (A.F.D.)			
S704	1-771-410-21	SWITCH, TACTILE (2CH/A.DIRECT)			
S705	1-771-410-21	SWITCH, TACTILE (DIMMER)			

DISPLAY **DSP**

Ref. No.	Part No.	Description			Remark
S708	1-771-410-21	SWITCH, TACTILE (MEMORY/ENTER)			
S711	1-771-410-21	SWITCH, TACTILE (DISPLAY)			
S712	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S715	1-418-817-31	ENCODER, ROTARY (INPUT SELECTOR)			
S722	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)			
		< TRANSFORMER >			
T701	1-445-015-11	TRANSFORMER, DC-DC CONVERTER			
**********					
	A-1439-165-A	DSP BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C5001	1-112-071-11	ELECT CHIP	220uF	20%	6.3V
C5007	1-112-075-11	ELECT CHIP	47uF	20%	16V
C5012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5088	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5091	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C5094	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5095	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C5117	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5120	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5132	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5139	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5144	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5150	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5155	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5161	1-114-385-11	ELECT CHIP	470uF	20%	6.3V
C5162	1-114-385-11	ELECT CHIP	470uF	20%	6.3V
C5163	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V
C5164	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V
C5165	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C5166	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C5168	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5170	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C5172	1-112-071-11	ELECT CHIP	220uF	20%	6.3V
C5173	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5175	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5176	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5177	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5178	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5182	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5183	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C5185	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C5188	1-114-385-11	ELECT CHIP	470uF	20%	6.3V
C5189	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C5195	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5196	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5198	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5199	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5200	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5201	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C5202	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN5001	1-815-136-21	CONNECTOR, BOARD TO BOARD			
CN5002	1-785-125-21	CONNECTOR 6P			
CN5003	1-784-254-11	CONNECTOR 10P			
		< FERRITE BEAD >			
FB5003	1-469-152-11	FERRITE, EMI (SMD) (2012)			
		< FILTER >			
FL5006	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5009	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5010	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5011	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5013	1-239-480-11	FILTER, EMI			
		< IC >			
IC5015	6-702-381-01	IC SI-3011ZD-TL			
IC5020	A-1551-000-A	IC SST25VF016B-50-4C-S2AF-T (for SERVICE)			
IC5021	(Not supplied)	IC D790E002BZDH300			
IC5022	6-711-832-01	IC M12L64322A-6TG			
		< RESISTOR >			
R5002	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5279	1-216-812-11	METAL CHIP	180	5%	1/10W
R5280	1-216-857-11	METAL CHIP	1M	5%	1/10W
R5290	1-216-805-11	METAL CHIP	47	5%	1/10W
R5299	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5321	1-216-801-11	METAL CHIP	22	5%	1/10W
R5322	1-216-801-11	METAL CHIP	22	5%	1/10W
R5323	1-216-801-11	METAL CHIP	22	5%	1/10W
R5324	1-216-801-11	METAL CHIP	22	5%	1/10W
R5325	1-216-801-11	METAL CHIP	22	5%	1/10W
R5326	1-216-801-11	METAL CHIP	22	5%	1/10W
R5327	1-216-801-11	METAL CHIP	22	5%	1/10W
R5331	1-216-801-11	METAL CHIP	22	5%	1/10W
R5332	1-216-801-11	METAL CHIP	22	5%	1/10W
R5333	1-216-801-11	METAL CHIP	22	5%	1/10W
R5334	1-216-801-11	METAL CHIP	22	5%	1/10W
R5335	1-216-801-11	METAL CHIP	22	5%	1/10W
R5336	1-216-801-11	METAL CHIP	22	5%	1/10W
R5337	1-216-801-11	METAL CHIP	22	5%	1/10W
R5341	1-216-801-11	METAL CHIP	22	5%	1/10W
R5346	1-216-801-11	METAL CHIP	22	5%	1/10W
R5347	1-216-801-11	METAL CHIP	22	5%	1/10W
R5348	1-216-801-11	METAL CHIP	22	5%	1/10W
R5349	1-216-801-11	METAL CHIP	22	5%	1/10W
R5350	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5355	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5357	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5358	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5359	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5363	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R5365	1-218-839-11	METAL CHIP	470	0.5%	1/10W
R5368	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5369	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5373	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5375	1-216-801-11	METAL CHIP	22	5%	1/10W
R5376	1-216-801-11	METAL CHIP	22	5%	1/10W

Note: IC5021 cannot exchange with single. When IC5021 is damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description			Remark
R5377	1-216-801-11	METAL CHIP	22	5%	1/10W
R5378	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5379	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R5384	1-216-801-11	METAL CHIP	22	5%	1/10W
R5385	1-216-801-11	METAL CHIP	22	5%	1/10W
R5386	1-216-801-11	METAL CHIP	22	5%	1/10W
R5387	1-216-801-11	METAL CHIP	22	5%	1/10W
R5391	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5392	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5393	1-216-864-11	SHORT CHIP	0		
R5394	1-216-801-11	METAL CHIP	22	5%	1/10W
R5397	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5399	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5402	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5403	1-216-801-11	METAL CHIP	22	5%	1/10W
R5404	1-216-801-11	METAL CHIP	22	5%	1/10W
R5405	1-216-801-11	METAL CHIP	22	5%	1/10W
R5406	1-216-801-11	METAL CHIP	22	5%	1/10W
R5407	1-216-801-11	METAL CHIP	22	5%	1/10W
R5410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5411	1-216-801-11	METAL CHIP	22	5%	1/10W
R5412	1-216-801-11	METAL CHIP	22	5%	1/10W
R5413	1-216-801-11	METAL CHIP	22	5%	1/10W
R5414	1-216-801-11	METAL CHIP	22	5%	1/10W
		< COMPOSITION CIRCUIT BLOCK >			
RB009	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB010	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB011	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB012	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB013	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB014	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB015	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB016	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB019	1-234-373-21	RES, NETWORK 220 (1005X4)			
RB021	1-234-373-21	RES, NETWORK 220 (1005X4)			
RB022	1-234-373-21	RES, NETWORK 220 (1005X4)			
RB024	1-234-373-21	RES, NETWORK 220 (1005X4)			
RB025	1-234-373-21	RES, NETWORK 220 (1005X4)			
RB026	1-234-373-21	RES, NETWORK 220 (1005X4)			
		< VIBRATOR >			
X002	1-813-868-21	VIBRATOR, CRYSTAL (25MHz)			
**********					
		JOG BOARD			
		**********			
		< CAPACITOR >			
C104	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C105	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C106	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C107	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
		< CONNECTOR >			
* CN104	1-691-406-11	CONNECTOR, BOARD TO BOARD 7P			
		< RESISTOR >			
R112	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R113	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

Ref. No.	Part No.	Description			Remark
		< ROTARY ENCODER >			
RV103	1-418-817-11	ENCODER, ROTARY (– TUNING +)			
RV104	1-418-817-11	ENCODER, ROTARY (– TONE +)			
		< SWITCH >			
S113	1-771-410-21	SWITCH, TACTILE (TUNING MODE)			
S114	1-771-410-21	SWITCH, TACTILE (TONE MODE)			
S115	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))			
**********					
		LED BOARD			
		**********			
		< CONNECTOR >			
CN719	1-779-978-11	PIN, CONNECTOR 3P			
		< LED >			
D701	8-719-056-11	LED SML72423C-TP15 (ON/STANDBY)			
**********					
		LIMITER BOARD			
		**********			
		< CAPACITOR >			
C1909	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1910	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1913	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
		< DIODE >			
D1906	6-501-738-01	DIODE MAZ8062GMLS0			
		< IC >			
IC1903	6-710-072-01	IC LM61CIZ/LFT2			
IC1905	6-710-072-01	IC LM61CIZ/LFT2			
		< RESISTOR >			
R1928	1-216-809-11	METAL CHIP	100	5%	1/10W
**********					
	A-1441-431-A	MAIN BOARD, COMPLETE (DG920)			
	A-1442-418-A	MAIN BOARD, COMPLETE (DA2400ES: US)			
	A-1442-450-A	MAIN BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C402	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C403	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C404	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C405	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V (DG920)
C408	1-126-965-91	ELECT	22uF	20%	50V
C409	1-112-114-11	ELECT	22uF	20%	50V (DA2400ES: AEP, ECE, UK)
C409	1-126-965-91	ELECT	22uF	20%	50V (DA2400ES: US/DG920)
C421	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C421	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)

MAIN

Ref. No.	Part No.	Description			Remark
C424	1-102-233-00	CERAMIC	33PF	10%	500V
C425	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C426	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C427	1-126-964-11	ELECT	10uF	20%	50V
C429	1-102-233-00	CERAMIC	33PF	10%	500V
C458	1-126-965-91	ELECT	22uF	20%	50V
C459	1-112-114-11	ELECT	22uF	20%	50V (DA2400ES: AEP, ECE, UK)
C459	1-126-965-91	ELECT	22uF	20%	50V (DA2400ES: US/DG920)
C460	1-126-965-91	ELECT	22uF	20%	50V (DG920)
C471	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C471	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C473	1-102-233-00	CERAMIC	33PF	10%	500V
C474	1-102-233-00	CERAMIC	33PF	10%	500V
C475	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C476	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C477	1-126-964-11	ELECT	10uF	20%	50V
C521	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C521	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C523	1-102-233-00	CERAMIC	33PF	10%	500V
C524	1-102-233-00	CERAMIC	33PF	10%	500V
C525	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C526	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C527	1-126-964-11	ELECT	10uF	20%	50V
C571	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C571	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C573	1-102-233-00	CERAMIC	33PF	10%	500V
C574	1-102-233-00	CERAMIC	33PF	10%	500V
C575	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C576	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C577	1-126-964-11	ELECT	10uF	20%	50V
C621	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C621	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C623	1-102-233-00	CERAMIC	33PF	10%	500V
C624	1-102-233-00	CERAMIC	33PF	10%	500V
C625	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C626	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C627	1-126-964-11	ELECT	10uF	20%	50V
C631	1-136-157-00	FILM	0.022uF	5%	50V
C671	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C671	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C673	1-102-233-00	CERAMIC	33PF	10%	500V
C674	1-102-233-00	CERAMIC	33PF	10%	500V
C675	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C676	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C677	1-126-964-11	ELECT	10uF	20%	50V
C681	1-136-157-00	FILM	0.022uF	5%	50V
C721	1-126-923-91	ELECT	220uF	20%	10V
C722	1-126-964-11	ELECT	10uF	20%	50V
C723	1-102-233-00	CERAMIC	33PF	10%	500V
C724	1-102-233-00	CERAMIC	33PF	10%	500V
C725	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C726	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C727	1-126-964-11	ELECT	10uF	20%	50V
C771	1-126-947-11	ELECT	47uF	20%	35V (DA2400ES: US/DG920)
C771	1-112-089-11	ELECT	47uF	20%	25V (DA2400ES: AEP, ECE, UK)
C801	1-114-537-11	ELECT (BLOCK)	8200uF	20%	71V
C802	1-114-537-11	ELECT (BLOCK)	8200uF	20%	71V
C803	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C804	1-104-999-11	MYLAR	0.1uF	5%	200V
C805	1-104-999-11	MYLAR	0.1uF	5%	200V
C806	1-137-350-11	FILM	0.015uF	5%	100V
C807	1-137-350-11	FILM	0.015uF	5%	100V
C808	1-137-350-11	FILM	0.015uF	5%	100V
C809	1-137-350-11	FILM	0.015uF	5%	100V
C810	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C811	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C812	1-112-085-11	ELECT	1000uF	20%	16V (DA2400ES: AEP, ECE, UK)
C812	1-126-767-11	ELECT	1000uF	20%	16V (DA2400ES: US/DG920)
C813	1-112-085-11	ELECT	1000uF	20%	16V (DA2400ES: AEP, ECE, UK)
C813	1-126-767-11	ELECT	1000uF	20%	16V (DA2400ES: US/DG920)
C814	1-112-423-11	ELECT	3300uF	20%	25V (DA2400ES: AEP, ECE, UK)
C814	1-126-944-11	ELECT	3300uF	20%	25V (DA2400ES: US/DG920)
C815	1-112-423-11	ELECT	3300uF	20%	25V (DA2400ES: AEP, ECE, UK)
C815	1-126-944-11	ELECT	3300uF	20%	25V (DA2400ES: US/DG920)
C817	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C818	1-112-084-11	ELECT	470uF	20%	16V (DA2400ES: AEP, ECE, UK)
C818	1-126-935-11	ELECT	470uF	20%	16V (DA2400ES: US/DG920)
C4001	1-112-097-11	ELECT	2.2uF	20%	50V (DA2400ES: AEP, ECE, UK)
C4001	1-126-961-11	ELECT	2.2uF	20%	50V (DA2400ES: US/DG920)
C4002	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C4003	1-112-084-11	ELECT	470uF	20%	16V (DA2400ES: AEP, ECE, UK)
C4003	1-126-935-11	ELECT	470uF	20%	16V (DA2400ES: US/DG920)
C4004	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4005	1-125-896-91	MYLAR	0.0091uF	5%	50V
C4006	1-136-159-00	MYLAR	0.033uF	5%	50V
C4007	1-112-097-11	ELECT	2.2uF	20%	50V (DA2400ES: AEP, ECE, UK)
C4007	1-126-961-11	ELECT	2.2uF	20%	50V (DA2400ES: US/DG920)
C4009	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C4011	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C4012	1-112-114-11	ELECT	22uF	20%	50V (DA2400ES: AEP, ECE, UK)
C4012	1-126-965-91	ELECT	22uF	20%	50V (DA2400ES: US)

Ref. No.	Part No.	Description				Remark
C4013	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4013	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US)
C4014	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4014	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US)
C4015	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4015	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US)
C4016	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4016	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US)
C4017	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4017	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US)
C4018	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4018	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US)
C4019	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4019	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US)
C4021	1-112-097-11	ELECT	2.2uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4021	1-126-961-11	ELECT	2.2uF	20%	50V	(DA2400ES: US/DG920)
C4022	1-164-230-11	CERAMIC CHIP	220PF	5%	50V	
C4023	1-112-084-11	ELECT	470uF	20%	16V	(DA2400ES: AEP, ECE, UK)
C4023	1-126-935-11	ELECT	470uF	20%	16V	(DA2400ES: US/DG920)
C4024	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C4025	1-125-896-91	MYLAR	0.0091uF	5%	50V	
C4026	1-136-159-00	MYLAR	0.033uF	5%	50V	
C4027	1-112-097-11	ELECT	2.2uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4027	1-126-961-11	ELECT	2.2uF	20%	50V	(DA2400ES: US/DG920)
C4029	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C4031	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4032	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4032	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US/DG920)
C4033	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4035	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C4048	1-164-230-11	CERAMIC CHIP	220PF	5%	50V	
C4049	1-164-230-11	CERAMIC CHIP	220PF	5%	50V	
C4052	1-112-114-11	ELECT	22uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4052	1-126-965-91	ELECT	22uF	20%	50V	(DA2400ES: US/DG920)
C4053	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4055	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C4060	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4060	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4061	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4061	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4062	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4062	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4063	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4063	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4064	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4064	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4065	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4065	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4067	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4067	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4068	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4068	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4069	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4070	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4071	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4071	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4072	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4072	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4073	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4073	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4074	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4074	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4075	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4075	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4076	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4076	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4077	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4077	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4078	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C4078	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C4081	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4082	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4084	1-164-230-11	CERAMIC CHIP	220PF	5%	50V	

MAIN

Ref. No.	Part No.	Description			Remark
C4085	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C4086	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C4100	1-128-950-31	ELECT	1000uF	20%	16V
C4102	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4103	1-128-950-31	ELECT	1000uF	20%	16V
C4105	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4106	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4107	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
CC01	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC02	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC03	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC04	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC05	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC06	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC07	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC08	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC09	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC10	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC12	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
CC13	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
CC14	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
CC15	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
CC16	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DA2400ES: AEP, ECE, UK)
CC17	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DA2400ES: AEP, ECE, UK)
CC18	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DA2400ES: AEP, ECE, UK)
CC19	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DA2400ES: AEP, ECE, UK)
CC51	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC52	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC53	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC54	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC55	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC56	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC57	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC58	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC59	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC60	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: AEP, ECE, UK)
CC62	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
CC63	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
CC64	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
CC65	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN401	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P	
CN501	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P	
CN601	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P	
CN671	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P	
CN801	1-785-103-11	PIN, CONNECTOR (3.96mm PITCH) 5P	
* CN811	1-564-507-11	PLUG, CONNECTOR 4P	
CN4007	1-770-386-11	CONNECTOR, BOARD TO BOARD 20P	
CN4008	1-770-386-11	CONNECTOR, BOARD TO BOARD 20P	
CN4012	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P	
CN4013	1-766-600-21	CONNECTOR, BOARD TO BOARD 7P	
CN4016	1-564-505-11	PLUG, CONNECTOR 2P	(DA2400ES: AEP, ECE, UK)
CN4017	1-564-505-11	PLUG, CONNECTOR 2P	(DA2400ES: AEP, ECE, UK)
CN4018	1-564-505-11	PLUG, CONNECTOR 2P	(DA2400ES: AEP, ECE, UK)
CN4019	1-564-505-11	PLUG, CONNECTOR 2P	(DA2400ES: AEP, ECE, UK)
CN4020	1-564-505-11	PLUG, CONNECTOR 2P	(DA2400ES: AEP, ECE, UK)
CN4021	1-564-505-11	PLUG, CONNECTOR 2P	(DA2400ES: AEP, ECE, UK)
CN4022	1-564-505-11	PLUG, CONNECTOR 2P	(DA2400ES: AEP, ECE, UK)
		< DIODE >	
D405	6-501-817-01	DIODE MA2J1110GLS0	
D406	6-501-817-01	DIODE MA2J1110GLS0	
D425	6-501-817-01	DIODE MA2J1110GLS0	
D426	6-501-817-01	DIODE MA2J1110GLS0	
D475	6-501-817-01	DIODE MA2J1110GLS0	
D476	6-501-817-01	DIODE MA2J1110GLS0	
D500	6-501-817-01	DIODE MA2J1110GLS0	
D525	6-501-817-01	DIODE MA2J1110GLS0	
D526	6-501-817-01	DIODE MA2J1110GLS0	
D560	6-501-817-01	DIODE MA2J1110GLS0 (DG920)	
D575	6-501-817-01	DIODE MA2J1110GLS0	
D576	6-501-817-01	DIODE MA2J1110GLS0	
D601	6-501-817-01	DIODE MA2J1110GLS0	
D611	6-501-817-01	DIODE MA2J1110GLS0	
D625	6-501-817-01	DIODE MA2J1110GLS0	
D646	6-501-817-01	DIODE MA2J1110GLS0	
D675	6-501-817-01	DIODE MA2J1110GLS0	
D676	6-501-817-01	DIODE MA2J1110GLS0	
D721	6-501-817-01	DIODE MA2J1110GLS0	
D722	6-501-817-01	DIODE MA2J1110GLS0	
D725	6-501-817-01	DIODE MA2J1110GLS0	
D726	6-501-817-01	DIODE MA2J1110GLS0	
D732	6-501-817-01	DIODE MA2J1110GLS0	
D733	6-501-817-01	DIODE MA2J1110GLS0	
D801	8-719-072-05	DIODE RBV-602LF-A	
D802	8-719-072-05	DIODE RBV-602LF-A	
D803	6-501-817-01	DIODE MA2J1110GLS0	
D804	6-501-817-01	DIODE MA2J1110GLS0	
D805	8-719-053-18	DIODE 1SR154-400TE-25	
D806	8-719-053-18	DIODE 1SR154-400TE-25	
D807	8-719-053-18	DIODE 1SR154-400TE-25	
D808	8-719-053-18	DIODE 1SR154-400TE-25	
D896	8-719-053-18	DIODE 1SR154-400TE-25	

Ref. No.	Part No.	Description	Remark
D4002	6-501-817-01	DIODE MA2J1110GLS0	
D4003	6-501-817-01	DIODE MA2J1110GLS0	
D4004	6-501-817-01	DIODE MA2J1110GLS0	
D4005	6-501-817-01	DIODE MA2J1110GLS0	
D4006	6-501-817-01	DIODE MA2J1110GLS0	
D4007	6-501-817-01	DIODE MA2J1110GLS0	
D4008	6-501-817-01	DIODE MA2J1110GLS0	
D4009	6-501-817-01	DIODE MA2J1110GLS0	
D4806	6-502-218-01	DIODE RB060M-30	
		< FUSE HOLDER >	
FH805	1-533-233-11	FUSE HOLDER	
FH806	1-533-233-11	FUSE HOLDER	
FH807	1-533-233-11	FUSE HOLDER	
FH808	1-533-233-11	FUSE HOLDER	
FH810	1-533-233-11	FUSE HOLDER	
FH811	1-533-233-11	FUSE HOLDER	
FH812	1-533-233-11	FUSE HOLDER	
FH813	1-533-233-11	FUSE HOLDER	
		< IC >	
IC403	6-711-163-01	IC NJU7311AM (TE2)	
IC404	6-710-586-01	IC R2S15206FP	
IC801	8-759-071-48	IC TA7807S	
IC802	8-759-071-47	IC TA79007S	
IC803	8-759-394-35	IC BA12T	
IC4001	8-759-710-97	IC NJM4565M-D	
IC4002	8-759-385-76	IC MC14052 BDR2	
IC4005	8-759-710-97	IC NJM4565M-D	
IC4100	6-712-052-01	IC SI-8001FFE	
		< JACK >	
J401	1-774-411-11	JACK, PIN 6P (PHONO/SA-CD/CD IN, MD/TAPE OUT)	
J402	1-774-411-11	JACK, PIN 6P (MD/TAPE/TV/SAT AUDIO IN)	
J403	1-770-614-11	JACK, PIN 4P (DVD/BD AUDIO IN)	
J404	1-770-614-11	JACK, PIN 4P (VIDEO 1 AUDIO IN/OUT)	
J406	1-770-377-21	JACK, PIN 1P (SUBWOOFER AUDIO OUT)	(DG920)
J407	1-774-411-11	JACK, PIN 6P (MULTI CHANNEL INPUT FRONT/SURROUND/SUR BACK)	
J408	1-793-777-12	JACK, PIN 2P (SUBWOOFER, CENTER)	
		< COIL >	
L601	1-420-872-52	COIL, AIR-CORE	
L651	1-420-872-52	COIL, AIR-CORE	
L4101	1-457-508-11	COIL, CHOKE	
		< TRANSISTOR >	
Q421	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q422	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q425	8-729-216-31	TRANSISTOR 2SA1163-G	
Q426	8-729-216-31	TRANSISTOR 2SA1163-G	
Q427	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q471	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q472	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q475	8-729-216-31	TRANSISTOR 2SA1163-G	
Q476	8-729-216-31	TRANSISTOR 2SA1163-G	
Q477	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q505	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	

Ref. No.	Part No.	Description	Remark
Q521	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q522	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q525	8-729-216-31	TRANSISTOR 2SA1163-G	
Q527	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q530	8-729-216-31	TRANSISTOR 2SA1163-G	
Q560	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	(DG920)
Q571	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q575	8-729-216-31	TRANSISTOR 2SA1163-G	
Q576	8-729-216-31	TRANSISTOR 2SA1163-G	
Q577	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q601	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q611	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q621	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q622	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q625	8-729-216-31	TRANSISTOR 2SA1163-G	
Q626	8-729-216-31	TRANSISTOR 2SA1163-G	
Q627	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q671	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q672	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q675	8-729-216-31	TRANSISTOR 2SA1163-G	
Q676	8-729-216-31	TRANSISTOR 2SA1163-G	
Q677	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q720	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q721	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q722	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q725	8-729-216-31	TRANSISTOR 2SA1163-G	
Q726	8-729-216-31	TRANSISTOR 2SA1163-G	
Q727	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q728	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q729	8-729-216-31	TRANSISTOR 2SA1163-G	
Q801	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4010	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q4012	8-729-027-43	TRANSISTOR DTC114EKA-T146	
		< RESISTOR >	
⚠ R220	1-249-381-91	CARBON 1 5% 1/4W	F
⚠ R234	1-249-381-91	CARBON 1 5% 1/4W	F
R401	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R402	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R403	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R404	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R405	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R406	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R407	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R408	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R409	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R410	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R413	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R414	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R415	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R416	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R420	1-216-817-11	METAL CHIP 470 5% 1/10W	(DA2400ES: AEP, ECE, UK)
R420	1-216-818-11	METAL CHIP 560 5% 1/10W	(DA2400ES: US/DG920)
R421	1-216-844-11	METAL CHIP 82K 5% 1/10W	(DA2400ES: US/DG920)
R422	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
⚠ R423	1-249-405-91	CARBON 100 5% 1/4W	F
⚠ R425	1-249-405-91	CARBON 100 5% 1/4W	F

MAIN

Ref. No.	Part No.	Description				Remark
⚠ R426	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R427	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
⚠ R428	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
R429	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R430	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R432	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R433	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R434	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R435	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R436	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R437	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R446	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R449	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R451	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R452	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R453	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R454	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R455	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R456	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R457	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R458	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R459	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R460	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R461	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R463	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R464	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R465	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R466	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R468	1-216-845-11	METAL CHIP	100K	5%	1/10W	(DG920)
R470	1-216-817-11	METAL CHIP	470	5%	1/10W	(DA2400ES: AEP, ECE, UK)
R470	1-216-818-11	METAL CHIP	560	5%	1/10W	(DA2400ES: US/DG920)
R471	1-216-844-11	METAL CHIP	82K	5%	1/10W	(DA2400ES: US/DG920)
R472	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
⚠ R473	1-249-405-91	CARBON	100	5%	1/4W	F
R474	1-216-841-11	METAL CHIP	47K	5%	1/10W	(DG920)
⚠ R475	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R476	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R477	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
⚠ R478	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
R479	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R480	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R482	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R483	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R484	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R485	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R486	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R487	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R488	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R490	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R491	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R496	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R498	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R499	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R504	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R505	1-216-821-11	METAL CHIP	1K	5%	1/10W	

Ref. No.	Part No.	Description				Remark
⚠ R507	1-249-397-91	CARBON	22	5%	1/4W	F
R508	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	(DG920)
R509	1-216-833-11	METAL CHIP	10K	5%	1/10W	(DG920)
⚠ R510	1-215-891-51	METAL OXIDE	680	5%	2W	F
R520	1-216-817-11	METAL CHIP	470	5%	1/10W	(DA2400ES: AEP, ECE, UK)
R520	1-216-818-11	METAL CHIP	560	5%	1/10W	(DA2400ES: US/DG920)
R521	1-216-844-11	METAL CHIP	82K	5%	1/10W	(DA2400ES: US/DG920)
R522	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
⚠ R523	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R525	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R526	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R527	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
⚠ R528	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
R529	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R530	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R532	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R533	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R534	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R535	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R536	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R537	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R546	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R549	1-216-849-11	METAL CHIP	220K	5%	1/10W	
⚠ R560	1-215-891-51	METAL OXIDE	680	5%	2W	F
R570	1-216-817-11	METAL CHIP	470	5%	1/10W	(DA2400ES: AEP, ECE, UK)
R570	1-216-818-11	METAL CHIP	560	5%	1/10W	(DA2400ES: US/DG920)
R571	1-216-844-11	METAL CHIP	82K	5%	1/10W	(DA2400ES: US/DG920)
R572	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
⚠ R573	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R575	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R576	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R577	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
⚠ R578	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
R579	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R580	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R582	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R583	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R584	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R585	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R586	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R587	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R596	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R599	1-216-849-11	METAL CHIP	220K	5%	1/10W	
⚠ R601	1-249-397-91	CARBON	22	5%	1/4W	F
R603	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R604	1-216-841-11	METAL CHIP	47K	5%	1/10W	
⚠ R611	1-249-397-91	CARBON	22	5%	1/4W	F
R613	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R614	1-216-841-11	METAL CHIP	47K	5%	1/10W	
⚠ R616	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
R620	1-216-817-11	METAL CHIP	470	5%	1/10W	(DA2400ES: AEP, ECE, UK)
R620	1-216-818-11	METAL CHIP	560	5%	1/10W	(DA2400ES: US/DG920)

Ref. No.	Part No.	Description				Remark
R621	1-216-844-11	METAL CHIP	82K	5%	1/10W	
				(DA2400ES: US/DG920)		
R622	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
⚠ R623	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R625	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R626	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R627	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
R629	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R630	1-216-843-11	METAL CHIP	68K	5%	1/10W	
⚠ R631	1-249-393-91	CARBON	10	5%	1/4W	F
R632	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R633	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R634	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R635	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R636	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R637	1-216-841-11	METAL CHIP	47K	5%	1/10W	
⚠ R639	1-249-389-91	CARBON	4.7	5%	1/4W	F
R646	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R649	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R670	1-216-817-11	METAL CHIP	470	5%	1/10W	
				(DA2400ES: AEP, ECE, UK)		
R670	1-216-818-11	METAL CHIP	560	5%	1/10W	
				(DA2400ES: US/DG920)		
R671	1-216-844-11	METAL CHIP	82K	5%	1/10W	
				(DA2400ES: US/DG920)		
R672	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
⚠ R673	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R675	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R676	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R677	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
⚠ R678	1-234-182-11	ENCAPSULATED COMPONENT		0.22	5W	F
R679	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R680	1-216-843-11	METAL CHIP	68K	5%	1/10W	
⚠ R681	1-249-393-91	CARBON	10	5%	1/4W	F
R682	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R683	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R684	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R685	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R686	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R687	1-216-841-11	METAL CHIP	47K	5%	1/10W	
⚠ R689	1-249-389-91	CARBON	4.7	5%	1/4W	F
R696	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R699	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R720	1-216-817-11	METAL CHIP	470	5%	1/10W	
				(DA2400ES: AEP, ECE, UK)		
R720	1-216-818-11	METAL CHIP	560	5%	1/10W	
				(DA2400ES: US/DG920)		
R721	1-216-844-11	METAL CHIP	82K	5%	1/10W	
				(DA2400ES: US/DG920)		
R722	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
⚠ R723	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R725	1-249-405-91	CARBON	100	5%	1/4W	F
⚠ R726	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R727	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
⚠ R728	1-234-182-11	ENCAPSULATED COMPONENT		0.22	5W	F
R729	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R730	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R732	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R733	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R734	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R735	1-216-841-11	METAL CHIP	47K	5%	1/10W	

Ref. No.	Part No.	Description				Remark
R736	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R737	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R738	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R740	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R741	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R746	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R770	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R780	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R799	1-216-849-11	METAL CHIP	220K	5%	1/10W	
⚠ R801	1-249-395-91	CARBON	15	5%	1/4W	F
⚠ R802	1-249-395-91	CARBON	15	5%	1/4W	F
R803	1-216-833-11	METAL CHIP	10K	5%	1/10W	
⚠ R804	1-249-393-91	CARBON	10	5%	1/4W	F
⚠ R805	1-249-393-91	CARBON	10	5%	1/4W	F
						(DG920)
R4001	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4002	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4003	1-216-812-11	METAL CHIP	180	5%	1/10W	
R4004	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R4005	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4006	1-216-809-11	METAL CHIP	100	5%	1/10W	
R4007	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4008	1-216-817-11	METAL CHIP	470	5%	1/10W	
R4009	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R4010	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R4011	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R4012	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R4013	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4014	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4015	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R4016	1-216-813-11	METAL CHIP	220	5%	1/10W	
R4017	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R4021	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4022	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4023	1-216-812-11	METAL CHIP	180	5%	1/10W	
R4024	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R4025	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4026	1-216-809-11	METAL CHIP	100	5%	1/10W	
R4027	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4028	1-216-817-11	METAL CHIP	470	5%	1/10W	
R4029	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R4033	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4034	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4035	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R4036	1-216-813-11	METAL CHIP	220	5%	1/10W	
R4037	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R4042	1-216-809-11	METAL CHIP	100	5%	1/10W	
						(DA2400ES)
R4043	1-216-809-11	METAL CHIP	100	5%	1/10W	
						(DA2400ES)
R4044	1-216-809-11	METAL CHIP	100	5%	1/10W	
						(DA2400ES)
R4045	1-216-809-11	METAL CHIP	100	5%	1/10W	
						(DA2400ES)
R4046	1-216-809-11	METAL CHIP	100	5%	1/10W	
						(DA2400ES)
R4047	1-216-809-11	METAL CHIP	100	5%	1/10W	
						(DA2400ES)
R4048	1-216-809-11	METAL CHIP	100	5%	1/10W	
						(DA2400ES)

MAIN **MIC** **MICON**

Ref. No.	Part No.	Description			Remark
R4049	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES)
R4053	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4054	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4062	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4063	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4064	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4065	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4066	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4067	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4068	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4069	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES)
R4100	1-218-835-11	METAL CHIP	330	0.5%	1/10W
R4103	1-218-839-11	METAL CHIP	470	0.5%	1/10W
R4104	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R4105	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R4106	1-216-864-11	SHORT CHIP	0		
⚠ RR16	1-249-393-91	CARBON	10	5%	1/4W F (DA2400ES: AEP, ECE, UK)
⚠ RR17	1-249-393-91	CARBON	10	5%	1/4W F (DA2400ES: AEP, ECE, UK)
⚠ RR18	1-249-393-91	CARBON	10	5%	1/4W F (DA2400ES: AEP, ECE, UK)
⚠ RR19	1-249-393-91	CARBON	10	5%	1/4W F (DA2400ES: AEP, ECE, UK)
		< VARIABLE RESISTOR >			
RV400	1-238-595-11	RES, ADJ, CARBON		220	(DA2400ES: AEP, ECE, UK)
RV470	1-238-595-11	RES, ADJ, CARBON		220	(DA2400ES: AEP, ECE, UK)
RV500	1-238-595-11	RES, ADJ, CARBON		220	(DA2400ES: AEP, ECE, UK)
RV570	1-238-595-11	RES, ADJ, CARBON		220	(DA2400ES: AEP, ECE, UK)
RV600	1-238-595-11	RES, ADJ, CARBON		220	(DA2400ES: AEP, ECE, UK)
RV670	1-238-595-11	RES, ADJ, CARBON		220	(DA2400ES: AEP, ECE, UK)
RV700	1-238-595-11	RES, ADJ, CARBON		220	(DA2400ES: AEP, ECE, UK)
		< RELAY >			
RY401	1-755-267-11	RELAY (DG920)			
RY500	1-755-307-21	RELAY			
RY601	1-755-307-21	RELAY			
RY611	1-755-307-21	RELAY			
RY801	1-755-031-11	RELAY			
		< TERMINAL BOARD >			
⚠ TM601	1-780-216-11	TERMINAL BOARD (SP) (8P) (SPEAKERS FRONT A/B) (DG920)			
⚠ TM602	1-780-404-11	TERMINAL BOARD (SP) (8P) (SPEAKERS FRONT A/B) (DA2400ES)			
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Ref. No.	Part No.	Description			Remark
		MIC BOARD			
		**********			
		< CONNECTOR >			
CN718	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< EARTH TERMINAL >			
* ET791	1-537-738-21	TERMINAL, EARTH			
		< JACK >			
J701	1-820-056-21	SMALL TYPE JACK (3.5mm) (AUTO CAL MIC)			
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	A-1441-455-A	MICON BOARD, COMPLETE (DG920)			
	A-1442-428-A	MICON BOARD, COMPLETE (DA2400ES: US)			
	A-1442-455-A	MICON BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)			
		**********			
		< CAPACITOR >			
C8002	1-124-779-00	ELECT CHIP	10uF	20% 16V	(DA2400ES: US/DG920)
C8003	1-162-919-11	CERAMIC CHIP	22PF	5% 50V	(DA2400ES: US/DG920)
C8004	1-162-919-11	CERAMIC CHIP	22PF	5% 50V	(DA2400ES: US/DG920)
C8005	1-126-193-11	ELECT CHIP	1uF	20% 50V	
C8006	1-126-193-11	ELECT CHIP	1uF	20% 50V	
C8007	1-126-193-11	ELECT CHIP	1uF	20% 50V	
C8008	1-126-193-11	ELECT CHIP	1uF	20% 50V	
C8009	1-162-919-11	CERAMIC CHIP	22PF	5% 50V	(DA2400ES: US/DG920)
C8010	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	
C8011	1-164-733-11	CERAMIC CHIP	820PF	10% 50V	(DA2400ES: US)
C8012	1-164-733-11	CERAMIC CHIP	820PF	10% 50V	(DA2400ES: US)
C8013	1-162-919-11	CERAMIC CHIP	22PF	5% 50V	(DA2400ES: US/DG920)
C8014	1-128-994-21	ELECT CHIP	47uF	20% 10V	
C8016	1-126-208-21	ELECT CHIP	47uF	20% 4V	(DA2400ES: US)
C8017	1-126-208-21	ELECT CHIP	47uF	20% 4V	(DA2400ES: US)
C8021	1-128-994-21	ELECT CHIP	47uF	20% 10V	
C8023	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	(DA2400ES: US/DG920)
C8024	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	(DA2400ES: US/DG920)
C8026	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	(DA2400ES: US/DG920)
C8027	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	
C8028	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	
C8029	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	(DA2400ES: US/DG920)
C8030	1-128-994-21	ELECT CHIP	47uF	20% 10V	
C8031	1-128-994-21	ELECT CHIP	47uF	20% 10V	
C8034	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	(DA2400ES: US/DG920)
C8035	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	(DA2400ES: US/DG920)
C8038	1-162-908-11	CERAMIC CHIP	3PF	0.25PF 50V	(DA2400ES: US/DG920)

Ref. No.	Part No.	Description			Remark
C8039	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8040	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8041	1-162-908-11	CERAMIC CHIP	3PF	0.25PF	50V (DA2400ES: US/DG920)
C8042	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8043	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8044	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8045	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8046	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DA2400ES: US/DG920)
C8049	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DA2400ES: US/DG920)
C8050	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8051	1-126-209-11	ELECT CHIP	100uF	20%	4V (DA2400ES: US/DG920)
C8052	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8053	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8056	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V (DA2400ES: US/DG920)
C8057	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8062	1-117-681-11	ELECT CHIP	100uF	20%	16V (DA2400ES: US/DG920)
C8063	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8064	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V (DA2400ES: US/DG920)
C8066	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8067	1-128-994-21	ELECT CHIP	47uF	20%	10V (DA2400ES: US/DG920)
C8068	1-124-779-00	ELECT CHIP	10uF	20%	16V (DA2400ES: US/DG920)
C8070	1-124-779-00	ELECT CHIP	10uF	20%	16V (DA2400ES: US/DG920)
C8071	1-124-779-00	ELECT CHIP	10uF	20%	16V (DA2400ES: US/DG920)
C8072	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V (DA2400ES: US/DG920)
C8073	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V (DA2400ES: US/DG920)
C8074	1-117-720-11	CERAMIC CHIP	4.7uF		10V (DA2400ES: US/DG920)
C8075	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8076	1-162-963-11	CERAMIC CHIP	680PF	10%	50V (DA2400ES: US/DG920)
C8077	1-162-963-11	CERAMIC CHIP	680PF	10%	50V (DA2400ES: US/DG920)
C8078	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8080	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US/DG920)
C8083	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C8085	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C8086	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C8087	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C8092	1-126-204-11	ELECT CHIP	47uF	20%	16V
C8093	1-162-923-11	CERAMIC CHIP	47PF	5%	50V (DA2400ES: US/DG920)
C8094	1-162-923-11	CERAMIC CHIP	47PF	5%	50V (DA2400ES: US/DG920)
C8095	1-162-923-11	CERAMIC CHIP	47PF	5%	50V (DA2400ES: US/DG920)
C8096	1-162-923-11	CERAMIC CHIP	47PF	5%	50V (DA2400ES: US/DG920)
C8101	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8102	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DA2400ES: US/DG920)
C8103	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8104	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8109	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DA2400ES: US/DG920)
C8110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8112	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8113	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8114	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8115	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8117	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8118	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8119	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8120	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8121	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8122	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8123	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8124	1-126-209-11	ELECT CHIP	100uF	20%	4V
C8125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8126	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8127	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8128	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8129	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8131	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8132	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8133	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C8134	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8135	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8136	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8137	1-126-193-11	ELECT CHIP	1uF	20%	50V
C8138	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8139	1-124-779-00	ELECT CHIP	10uF	20%	16V
C8140	1-126-209-11	ELECT CHIP	100uF	20%	4V
C8141	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8142	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8143	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8144	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8147	1-126-208-21	ELECT CHIP	47uF	20%	4V
C8148	1-124-778-00	ELECT CHIP	22uF	20%	6.3V
C8149	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8150	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C8151	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US)
C8152	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DA2400ES: US)
C8153	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C8155	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

MICON

Ref. No.	Part No.	Description	Remark
C8156	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8157	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8158	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8159	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8160	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8161	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8162	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8163	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C8164	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C8165	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C8166	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C8167	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C8168	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C8171	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(DA2400ES: US/DG920)
C8172	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(DA2400ES: US/DG920)
C8173	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C8174	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C8175	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< CONNECTOR >	
CN2003	1-770-381-11	CONNECTOR, BOARD TO BOARD 10P	
CN2004	1-779-281-11	CONNECTOR, FFC (LIF (NON-ZIF)) 13P	(DA2400ES: US)
CN2005	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P	
CN2006	1-770-384-21	CONNECTOR, BOARD TO BOARD 16P	
CN2010	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P	
CN2013	1-785-125-21	CONNECTOR 6P	
CN2015	1-784-928-11	PIN, CONNECTOR 13P	
CN2016	1-784-926-11	PIN, CONNECTOR 11P	
CN2017	1-784-927-11	PIN, CONNECTOR 12P	
CN2021	1-770-409-11	CONNECTOR, BOARD TO BOARD 16P	
CN2022	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P	
CN2023	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P	
CN2024	1-770-405-11	CONNECTOR, BOARD TO BOARD 8P	
CN8001	1-793-642-21	CONNECTOR (USB) (4P), SQUARE (XM)	(DA2400ES: US/DG920)
CN8002	1-821-182-11	SOCKET, DIN 8P (SIRIUS) (DA2400ES: US)	
CN8003	1-817-615-21	CONNECTOR, SQUARE TYPE (RECE) (DMPORT)	
CN8004	1-568-830-11	CONNECTOR, FFC 11P	(DA2400ES: AEP, ECE, UK)
CN8005	1-784-770-11	CONNECTOR, FFC 9P (DA2400ES: US/DG920)	
		< DIODE >	
D8001	8-719-060-48	DIODE RB751V-40TE-17	
D8002	6-501-817-01	DIODE MA2J1110GLS0	
D8003	6-501-817-01	DIODE MA2J1110GLS0	
D8004	6-501-817-01	DIODE MA2J1110GLS0	
D8005	6-500-462-01	DIODE NSAD500F-T1B (DA2400ES: US/DG920)	
D8006	6-501-817-01	DIODE MA2J1110GLS0	
D8009	8-719-083-02	DIODE KDS160-RTK (DA2400ES: US/DG920)	
		< FERRITE BEAD >	
FB8001	1-469-152-11	FERRITE, EMI (SMD) (2012)	(DA2400ES: US/DG920)
FB8002	1-469-152-11	FERRITE, EMI (SMD) (2012)	(DA2400ES: US/DG920)
FB8003	1-414-813-11	FERRITE, EMI (SMD) (2012)	(DA2400ES: US/DG920)
FB8004	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8005	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8006	1-469-152-11	FERRITE, EMI (SMD) (2012) (DA2400ES: US)	
FB8007	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8008	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8009	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8010	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8011	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8012	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8013	1-469-152-11	FERRITE, EMI (SMD) (2012) (DA2400ES: US)	
FB8014	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB8015	1-469-152-11	FERRITE, EMI (SMD) (2012)	
		< IC >	
IC8001	6-705-469-01	IC BA50BC0FP-E2	
IC8002	8-759-710-97	IC NJM4565M-D	
IC8003	6-709-251-01	IC F2602E-01-TR (DA2400ES: US/DG920)	
IC8004	6-702-302-01	IC TK11133CSCL-G (DA2400ES: US/DG920)	
IC8005	6-707-111-01	IC PCM1753DBQR (DA2400ES: US/DG920)	
IC8006	6-706-740-01	IC BA00BC0WFP-E2 (DA2400ES: US/DG920)	
IC8007	6-705-337-01	IC TK11150CSCL-G (DA2400ES: US/DG920)	
IC8008	8-759-710-97	IC NJM4565M-D (DA2400ES: US/DG920)	
IC8011	6-709-800-01	IC TA7809AF- (T6L1SONQ	
IC8013	6-703-518-01	IC BD3842FS-FD2	
IC8014	A-1557-301-A	IC MB91F467RAPMC-GE1 (for SERVICE)	(DG920)
IC8014	A-1557-664-A	IC MB91F467RAPMC-GE1 (for SERVICE)	(DA2400ES)
IC8015	8-759-058-62	IC TC7S08FU (TE85R)	
IC8016	6-702-913-01	IC S-80929CNMC-G8ZT2G	
IC8017	8-759-277-63	IC TC7W14FU (TE12R)	
IC8018	(Not supplied)	IC S-24CS64A01-J8T1G	
IC8019	6-705-468-01	IC BA33BC0FP-E2	
IC8020	8-759-277-63	IC TC7W14FU (TE12R)	
IC8022	8-759-238-47	IC TC74HCT7007AF (EL)	
IC8023	6-706-487-01	IC TC7SH08FU (T5RSOYJF) (DA2400ES: US)	
IC8024	6-706-478-01	IC TC7SET08FU (T5RSOJF) (DA2400ES: US)	
		< COIL >	
L8001	1-469-525-91	INDUCTOR 10uH	
L8002	1-469-525-91	INDUCTOR 10uH	
		< TRANSISTOR >	
Q8001	8-729-027-43	TRANSISTOR DTC114EKA-T146	(DA2400ES: US/DG920)
Q8002	8-729-027-23	TRANSISTOR DTA114EKA-T146	(DA2400ES: US/DG920)
Q8003	8-729-027-43	TRANSISTOR DTC114EKA-T146	(DA2400ES: US/DG920)
Q8004	6-550-044-01	TRANSISTOR 2SB1689-T106	(DA2400ES: US/DG920)
Q8005	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q8006	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q8007	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q8008	8-729-027-43	TRANSISTOR DTC114EKA-T146	
		< RESISTOR >	
R8009	1-216-833-11	METAL CHIP 10K 5% 1/10W	(DA2400ES: US/DG920)
R8010	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R8014	1-216-864-11	SHORT CHIP 0 (DA2400ES: US/DG920)	
R8015	1-216-864-11	SHORT CHIP 0 (DA2400ES: US/DG920)	
R8024	1-219-365-11	SHORT CHIP 0 (DA2400ES: US/DG920)	

Note: IC8018 cannot exchange with single. When IC8018 is damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description			Remark
R8032	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8034	1-216-821-11	METAL CHIP	1K	5%	1/10W (DA2400ES: US/DG920)
R8035	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8036	1-216-821-11	METAL CHIP	1K	5%	1/10W (DA2400ES: US/DG920)
R8039	1-216-821-11	METAL CHIP	1K	5%	1/10W (DA2400ES: US/DG920)
R8040	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8041	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (DA2400ES: US/DG920)
R8042	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: AEP, ECE, UK)
R8044	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: AEP, ECE, UK)
R8046	1-216-809-11	METAL CHIP	100	5%	1/10W
R8048	1-216-809-11	METAL CHIP	100	5%	1/10W
R8050	1-216-809-11	METAL CHIP	100	5%	1/10W
R8052	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8053	1-216-809-11	METAL CHIP	100	5%	1/10W
R8055	1-216-809-11	METAL CHIP	100	5%	1/10W
R8057	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8068	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA2400ES: US/DG920)
R8070	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8071	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA2400ES: US/DG920)
R8073	1-218-344-11	METAL CHIP	7.5K	5%	1/10W (DA2400ES: US/DG920)
R8074	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (DA2400ES: US/DG920)
R8077	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA2400ES: US/DG920)
R8078	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES: US/DG920)
R8079	1-216-845-11	METAL CHIP	100K	5%	1/10W (DA2400ES: US/DG920)
R8080	1-216-834-11	METAL CHIP	12K	5%	1/10W (DA2400ES: US/DG920)
R8081	1-216-832-11	METAL CHIP	8.2K	5%	1/10W (DA2400ES: US/DG920)
R8082	1-216-832-11	METAL CHIP	8.2K	5%	1/10W (DA2400ES: US/DG920)
R8083	1-216-834-11	METAL CHIP	12K	5%	1/10W (DA2400ES: US/DG920)
R8084	1-216-819-11	METAL CHIP	680	5%	1/10W (DA2400ES: US/DG920)
R8085	1-216-819-11	METAL CHIP	680	5%	1/10W (DA2400ES: US/DG920)
R8086	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8087	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8092	1-216-805-11	METAL CHIP	47	5%	1/10W (DA2400ES: US/DG920)
R8093	1-216-805-11	METAL CHIP	47	5%	1/10W (DA2400ES: US/DG920)
R8094	1-216-805-11	METAL CHIP	47	5%	1/10W (DA2400ES: US)
R8095	1-216-805-11	METAL CHIP	47	5%	1/10W
R8096	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8097	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8098	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8099	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8100	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8101	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8102	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8103	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8104	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8105	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8106	1-216-813-11	METAL CHIP	220	5%	1/10W (DA2400ES: US/DG920)
R8107	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8108	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8109	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US/DG920)
R8110	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8111	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8112	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US)
R8113	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US)
R8116	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8117	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8118	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8119	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8120	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8121	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8122	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8123	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R8124	1-216-864-11	SHORT CHIP	0		
R8125	1-216-864-11	SHORT CHIP	0		
R8126	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8127	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US)
R8128	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8129	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8130	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8131	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8132	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8133	1-216-813-11	METAL CHIP	220	5%	1/10W
R8134	1-216-809-11	METAL CHIP	100	5%	1/10W
R8135	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8136	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8137	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA2400ES: US/DG920)
R8138	1-216-864-11	SHORT CHIP	0 (DA2400ES: AEP, ECE, UK)		
R8139	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8140	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US)
R8141	1-216-809-11	METAL CHIP	100	5%	1/10W (DA2400ES: US)
R8143	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8144	1-216-817-11	METAL CHIP	470	5%	1/10W
R8145	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8146	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8147	1-216-815-11	METAL CHIP	330	5%	1/10W
R8148	1-216-809-11	METAL CHIP	100	5%	1/10W

MICON **MICON DIGITAL CONN**

Ref. No.	Part No.	Description			Remark
R8149	1-216-809-11	METAL CHIP	100	5%	1/10W
R8150	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8151	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8152	1-216-813-11	METAL CHIP	220	5%	1/10W
R8153	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8156	1-216-813-11	METAL CHIP	220	5%	1/10W
R8157	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8158	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8159	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8162	1-216-813-11	METAL CHIP	220	5%	1/10W
R8164	1-216-809-11	METAL CHIP	100	5%	1/10W
R8165	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8167	1-216-809-11	METAL CHIP	100	5%	1/10W
R8168	1-216-809-11	METAL CHIP	100	5%	1/10W
R8169	1-216-809-11	METAL CHIP	100	5%	1/10W
R8170	1-216-809-11	METAL CHIP	100	5%	1/10W
					(DA2400ES: US)
R8171	1-216-809-11	METAL CHIP	100	5%	1/10W
R8172	1-216-809-11	METAL CHIP	100	5%	1/10W
					(DA2400ES: US/DG920)
R8173	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8175	1-216-809-11	METAL CHIP	100	5%	1/10W
R8176	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8177	1-216-809-11	METAL CHIP	100	5%	1/10W
R8178	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8179	1-216-809-11	METAL CHIP	100	5%	1/10W
R8180	1-216-809-11	METAL CHIP	100	5%	1/10W
R8181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8183	1-216-809-11	METAL CHIP	100	5%	1/10W
R8184	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8187	1-216-809-11	METAL CHIP	100	5%	1/10W
R8188	1-216-809-11	METAL CHIP	100	5%	1/10W
R8189	1-216-809-11	METAL CHIP	100	5%	1/10W
R8191	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8192	1-216-809-11	METAL CHIP	100	5%	1/10W
R8194	1-216-809-11	METAL CHIP	100	5%	1/10W
R8195	1-216-809-11	METAL CHIP	100	5%	1/10W
R8196	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8197	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8198	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8199	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8200	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8201	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8202	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8203	1-216-809-11	METAL CHIP	100	5%	1/10W
R8204	1-216-809-11	METAL CHIP	100	5%	1/10W
R8205	1-216-809-11	METAL CHIP	100	5%	1/10W
R8206	1-216-805-11	METAL CHIP	47	5%	1/10W
R8209	1-216-805-11	METAL CHIP	47	5%	1/10W
R8210	1-216-809-11	METAL CHIP	100	5%	1/10W
R8212	1-216-805-11	METAL CHIP	47	5%	1/10W
R8213	1-216-805-11	METAL CHIP	47	5%	1/10W
R8215	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8216	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8217	1-216-809-11	METAL CHIP	100	5%	1/10W
R8219	1-216-809-11	METAL CHIP	100	5%	1/10W
R8220	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8221	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R8223	1-216-809-11	METAL CHIP	100	5%	1/10W
R8224	1-216-809-11	METAL CHIP	100	5%	1/10W
R8225	1-216-864-11	SHORT CHIP	0		
R8226	1-216-864-11	SHORT CHIP	0		
R8227	1-216-864-11	SHORT CHIP	0		
R8228	1-216-809-11	METAL CHIP	100	5%	1/10W
R8231	1-216-809-11	METAL CHIP	100	5%	1/10W
R8232	1-216-809-11	METAL CHIP	100	5%	1/10W
R8233	1-216-809-11	METAL CHIP	100	5%	1/10W
R8234	1-216-809-11	METAL CHIP	100	5%	1/10W
R8235	1-216-809-11	METAL CHIP	100	5%	1/10W
R8237	1-216-809-11	METAL CHIP	100	5%	1/10W
R8238	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8239	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8240	1-216-809-11	METAL CHIP	100	5%	1/10W
R8241	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8242	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8243	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8245	1-216-809-11	METAL CHIP	100	5%	1/10W
R8246	1-216-809-11	METAL CHIP	100	5%	1/10W
R8247	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8248	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8249	1-216-864-11	SHORT CHIP	0		

< COMPOSITION CIRCUIT BLOCK >

RB8001	1-234-378-21	RES, NETWORK 10K (1005X4)	
			(DA2400ES: US/DG920)
RB8002	1-234-378-21	RES, NETWORK 10K (1005X4)	
			(DA2400ES: US/DG920)
RB8003	1-234-378-21	RES, NETWORK 10K (1005X4)	
			(DA2400ES: US/DG920)
RB8004	1-234-378-21	RES, NETWORK 10K (1005X4)	
			(DA2400ES: US/DG920)
RB8005	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8006	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8007	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8008	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8009	1-234-371-21	RES, NETWORK 47 (1005X4)	
RB8010	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8011	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8012	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8013	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8014	1-234-378-21	RES, NETWORK 10K (1005X4)	
RB8015	1-234-378-21	RES, NETWORK 10K (1005X4)	
RB8016	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8017	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8018	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8021	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB8022	1-234-376-11	RES, NETWORK 2.2K (1005X4)	

< VIBRATOR >

X8001	1-760-841-11	VIBRATOR, CRYSTAL (45.1584MHz)	
			(DA2400ES: US/DG920)
X8002	1-781-646-21	VIBRATOR, CERAMIC (4MHz)	

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MICON DIGITAL CONN BOARD

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< CONNECTOR >

CN2030	1-770-384-21	CONNECTOR, BOARD TO BOARD 16P	

MICON DIGITAL CONN | **POWER SWITCH** | **PREOUT** | **STANDBY**

Ref. No.	Part No.	Description			Remark
CN2031	1-770-386-11	CONNECTOR, BOARD TO BOARD 20P			
CN2032	1-770-380-11	CONNECTOR, BOARD TO BOARD 8P			
CN2230	1-770-384-21	CONNECTOR, BOARD TO BOARD 16P			
CN2231	1-770-386-11	CONNECTOR, BOARD TO BOARD 20P			
CN2232	1-770-380-11	CONNECTOR, BOARD TO BOARD 8P			
**********					
		POWER SWITCH BOARD			
		**********			
		< CONNECTOR >			
CN1	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN2	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P			
		< SWITCH >			
⚠ SW1	1-786-377-11	SWITCH, POWER (POWER)			
**********					
		PREOUT BOARD (DA2400ES: AEP, ECE, UK)			
		**********			
		< CAPACITOR >			
C4051	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4052	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4053	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4054	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4055	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C4151	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4152	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4153	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4154	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4171	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4172	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4173	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4174	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4175	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
		< CONNECTOR >			
CN452	1-779-799-11	PIN, CONNECTOR 9P			
CN453	1-564-509-11	PLUG, CONNECTOR 6P			
		< DIODE >			
D4051	8-719-988-61	DIODE 1SS355TE-17			
D4052	8-719-988-61	DIODE 1SS355TE-17			
D4053	8-719-988-61	DIODE 1SS355TE-17			
D4054	8-719-988-61	DIODE 1SS355TE-17			
		< JACK >			
J4051	1-774-411-11	JACK, PIN 6P (PRE OUT FRONT/SURROUND/SUR BACK)			
J4052	1-793-777-12	JACK, PIN 2P (PRE OUT CENTER/SUBWOOFER)			
		< TRANSISTOR >			
Q4051	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4052	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4053	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4054	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
		< RESISTOR >			
R4051	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4052	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4053	1-249-393-91	CARBON	10	5%	1/4W F
R4054	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4055	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4056	1-249-393-91	CARBON	10	5%	1/4W F
R4057	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4058	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4059	1-249-393-91	CARBON	10	5%	1/4W F
R4060	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4061	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R4062	1-249-393-91	CARBON	10	5%	1/4W F
R4151	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4152	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4153	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4154	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4171	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4172	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4173	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4174	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< RELAY >			
RY4051	1-755-486-11	RELAY			
RY4052	1-755-486-11	RELAY			
RY4053	1-755-486-11	RELAY			
RY4054	1-755-486-11	RELAY			
**********					
	A-1441-438-A	STANDBY BOARD, COMPLETE (DA2400ES: US/DG920)			
	A-1442-081-A	STANDBY BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
⚠ C01	1-113-925-51	CERAMIC	0.01uF	20%	250V
C51	1-126-964-11	ELECT	10uF	20%	50V
C52	1-112-093-11	ELECT	2200uF	20%	25V
C53	1-112-093-11	ELECT	2200uF	20%	25V
C54	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C55	1-136-287-11	FILM	0.0047uF	5%	100V
C56	1-137-465-11	MYLAR	0.056uF	5%	100V
C57	1-126-941-11	ELECT	470uF	20%	25V
C58	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
⚠ C59	1-113-925-51	CERAMIC	0.01uF	20%	250V
		< CONNECTOR >			
* CN003	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P			
CNP51	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CNP53	1-774-108-11	PIN, CONNECTOR (PC BOARD)			
CNP54	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
		< DIODE >			
D51	6-500-522-31	DIODE 10EDB40-TB5			
D52	6-500-522-31	DIODE 10EDB40-TB5			
D53	6-500-522-31	DIODE 10EDB40-TB5			
D54	6-500-522-31	DIODE 10EDB40-TB5			
D55	6-500-522-31	DIODE 10EDB40-TB5			
D56	6-501-817-01	DIODE MA2J1110GLS0			
D57	6-501-817-01	DIODE MA2J1110GLS0			
D58	6-501-817-01	DIODE MA2J1110GLS0			
D61	6-501-738-01	DIODE MAZ8062GMLS0			

STR-DA2400ES/DG920

STANDBY **SURR SPEAKER**

Ref. No.	Part No.	Description				Remark
		< EARTH TERMINAL >				
* EE51	1-537-738-21	TERMINAL, EARTH				
		< FUSE HOLDER >				
FH01	1-533-233-11	FUSE HOLDER				
FH02	1-533-233-11	FUSE HOLDER				
		< IC >				
IC51	8-759-450-47	IC BA05T				
		< TRANSISTOR >				
Q51	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q52	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q53	8-729-027-52	TRANSISTOR	DTC124EKA-T146			
Q54	8-729-140-97	TRANSISTOR	2SB734-34			
Q55	8-729-027-52	TRANSISTOR	DTC124EKA-T146			
		< RESISTOR >				
⚠ R001	1-219-237-51	SOLID	3.3M	20%	1/2W	F (DA2400ES: US/DG920)
R51	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R52	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	
R53	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R54	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R55	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R58	1-259-179-31	CARBON	3.3K	5%	1/4W	
R59	1-216-833-11	METAL CHIP	10K	5%	1/10W	
⚠ R60	1-249-389-91	CARBON	4.7	5%	1/4W	F
R61	1-216-819-11	METAL CHIP	680	5%	1/10W	
		< RELAY >				
⚠ RY01	1-755-266-11	RELAY, AC POWER				
		< TRANSFORMER >				
⚠ T002	1-445-213-11	TRANSFORMER, POWER				(DA2400ES: AEP, ECE, UK)
⚠ T003	1-445-212-11	TRANSFORMER, POWER				(DA2400ES: US/DG920)
		< THERMISTOR >				
TH50	1-804-046-11	THERMISTOR, POSITIVE (RXE030)				(DA2400ES: AEP, ECE, UK)
**********						
	A-1441-449-A	SURR SPEAKER BOARD, COMPLETE (DG920)				
	A-1442-425-A	SURR SPEAKER BOARD, COMPLETE				(DA2400ES: US)
	A-1442-453-A	SURR SPEAKER BOARD, COMPLETE				(DA2400ES: AEP, ECE, UK)
		**********				
		< CAPACITOR >				
C1501	1-136-157-00	FILM	0.022uF	5%	50V	
C1502	1-136-157-00	FILM	0.022uF	5%	50V	
C1503	1-136-157-00	FILM	0.022uF	5%	50V	
C1504	1-136-157-00	FILM	0.022uF	5%	50V	
C1505	1-136-157-00	FILM	0.022uF	5%	50V	
C1506	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(DA2400ES: AEP, ECE, UK)
C1507	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(DA2400ES: AEP, ECE, UK)
C1508	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(DA2400ES: AEP, ECE, UK)
C1509	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(DA2400ES: AEP, ECE, UK)
C1526	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(DA2400ES: AEP, ECE, UK)
C1527	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(DA2400ES: AEP, ECE, UK)
C1528	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(DA2400ES: AEP, ECE, UK)
C1529	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(DA2400ES: AEP, ECE, UK)
C1530	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(DA2400ES: AEP, ECE, UK)
C1551	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(DA2400ES: AEP, ECE, UK)
		< CONNECTOR >				
CN1501	1-784-922-11	PIN, CONNECTOR 5P				
* CN1502	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P				
* CN1503	1-564-243-11	PIN, CONNECTOR (3.96mm PITCH) 6P				
		< DIODE >				
D1501	6-501-817-01	DIODE MA2J1110GLS0				
D1502	6-501-817-01	DIODE MA2J1110GLS0				
D1503	6-501-817-01	DIODE MA2J1110GLS0				
		< COIL >				
L1501	1-420-872-52	COIL, AIR-CORE				
L1502	1-420-872-52	COIL, AIR-CORE				
L1503	1-420-872-52	COIL, AIR-CORE				
L1504	1-420-872-52	COIL, AIR-CORE				
L1505	1-420-872-52	COIL, AIR-CORE				
		< TRANSISTOR >				
Q1501	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q1502	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q1503	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
		< RESISTOR >				
⚠ R1501	1-249-393-91	CARBON	10	5%	1/4W	F
⚠ R1502	1-249-393-91	CARBON	10	5%	1/4W	F
⚠ R1503	1-249-393-91	CARBON	10	5%	1/4W	F
⚠ R1504	1-249-393-91	CARBON	10	5%	1/4W	F
⚠ R1505	1-249-393-91	CARBON	10	5%	1/4W	F
⚠ R1506	1-249-397-91	CARBON	22	5%	1/4W	F
R1507	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R1508	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1509	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R1510	1-216-833-11	METAL CHIP	10K	5%	1/10W	
⚠ R1511	1-249-397-91	CARBON	22	5%	1/4W	F
R1512	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W	
⚠ R1514	1-249-397-91	CARBON	22	5%	1/4W	F
⚠ R1515	1-249-389-91	CARBON	4.7	5%	1/4W	F
⚠ R1516	1-249-389-91	CARBON	4.7	5%	1/4W	F
⚠ R1517	1-249-389-91	CARBON	4.7	5%	1/4W	F
⚠ R1518	1-249-389-91	CARBON	4.7	5%	1/4W	F
⚠ R1519	1-249-389-91	CARBON	4.7	5%	1/4W	F
⚠ R1526	1-249-393-91	CARBON	10	5%	1/4W	F (DA2400ES: AEP, ECE, UK)

Ref. No.	Part No.	Description				Remark
⚠ R1527	1-249-393-91	CARBON	10	5%	1/4W F	(DA2400ES: AEP, ECE, UK)
⚠ R1528	1-249-393-91	CARBON	10	5%	1/4W F	(DA2400ES: AEP, ECE, UK)
⚠ R1529	1-249-393-91	CARBON	10	5%	1/4W F	(DA2400ES: AEP, ECE, UK)
⚠ R1530	1-249-393-91	CARBON	10	5%	1/4W F	(DA2400ES: AEP, ECE, UK)
		< RELAY >				
RY1501	1-755-307-21	RELAY				
RY1502	1-755-307-21	RELAY				
RY1503	1-755-307-21	RELAY				
		< TERMINAL BOARD >				
⚠ TB1501	1-780-404-11	TERMINAL BOARD (SP) (8P) (SPEAKERS SURROUND/SURROUND BACK) (DA2400ES)				
⚠ TB1502	1-780-405-11	TERMINAL BOARD (SP) (2P) (SPEAKERS CENTER) (DA2400ES)				
⚠ TB1503	1-780-216-11	TERMINAL BOARD (SP) (8P) (SPEAKERS SURROUND/SURROUND BACK) (DG920)				
⚠ TB1504	1-780-217-11	TERMINAL BOARD (SP) (2P) (SPEAKERS CENTER) (DG920)				
**********						
	A-1441-442-A	VIDEO BOARD, COMPLETE (DA2400ES: US/DG920)				
	A-1559-013-A	VIDEO BOARD, COMPLETE (DA2400ES: AEP, ECE, UK)				
		**********				
		< CAPACITOR >				
C6002	1-126-964-11	ELECT	10uF	20%	50V	
C6003	1-126-964-11	ELECT	10uF	20%	50V	
C6004	1-126-964-11	ELECT	10uF	20%	50V	
C6005	1-126-964-11	ELECT	10uF	20%	50V	
C6006	1-126-964-11	ELECT	10uF	20%	50V	
C6007	1-126-964-11	ELECT	10uF	20%	50V	
C6008	1-126-964-11	ELECT	10uF	20%	50V	
C6009	1-126-964-11	ELECT	10uF	20%	50V	
C6010	1-126-964-11	ELECT	10uF	20%	50V	
C6011	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6013	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6014	1-126-947-11	ELECT	47uF	20%	35V	
C6015	1-126-947-11	ELECT	47uF	20%	35V	
C6101	1-126-962-11	ELECT	3.3uF	20%	50V	
C6102	1-126-962-11	ELECT	3.3uF	20%	50V	
C6103	1-126-933-11	ELECT	100uF	20%	16V	
C6104	1-126-933-11	ELECT	100uF	20%	16V	
C6105	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6106	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6108	1-126-947-11	ELECT	47uF	20%	35V	
C6109	1-126-916-11	ELECT	1000uF	20%	6.3V	
C6110	1-126-947-11	ELECT	47uF	20%	35V	
C6116	1-126-947-11	ELECT	47uF	20%	35V	
C6117	1-126-947-11	ELECT	47uF	20%	35V	
C6118	1-126-947-11	ELECT	47uF	20%	35V	
C6235	1-126-947-11	ELECT	47uF	20%	35V	
C6251	1-126-916-11	ELECT	1000uF	20%	6.3V	
C6252	1-126-933-11	ELECT	100uF	20%	16V	

Ref. No.	Part No.	Description				Remark
C6253	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6254	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6304	1-126-964-11	ELECT	10uF	20%	50V	
C6305	1-126-964-11	ELECT	10uF	20%	50V	
C6306	1-126-964-11	ELECT	10uF	20%	50V	
C6307	1-126-964-11	ELECT	10uF	20%	50V	
C6309	1-126-964-11	ELECT	10uF	20%	50V	
C6311	1-126-964-11	ELECT	10uF	20%	50V	
C6315	1-126-964-11	ELECT	10uF	20%	50V	
C6316	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C6318	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6319	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6320	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6323	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C6324	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C6325	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C6326	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C6327	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C6328	1-126-947-11	ELECT	47uF	20%	35V	
C6329	1-126-947-11	ELECT	47uF	20%	35V	
C6501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6502	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6504	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	
C6505	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	
C6507	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	
C6510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6513	1-126-964-11	ELECT	10uF	20%	50V	
C6514	1-126-964-11	ELECT	10uF	20%	50V	
C6515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6516	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6517	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	
C6518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C6520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		< CONNECTOR >				
CN6203	1-770-407-11	CONNECTOR, BOARD TO BOARD 12P				
* CN6204	1-564-521-11	PLUG, CONNECTOR 6P				
CN6501	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P				
		< DIODE >				
D6003	6-501-817-01	DIODE MA2J1110GLS0				
D6101	6-501-817-01	DIODE MA2J1110GLS0				
D6102	6-501-817-01	DIODE MA2J1110GLS0				
D6501	6-501-817-01	DIODE MA2J1110GLS0				
D6502	6-501-817-01	DIODE MA2J1110GLS0				
		< IC >				
IC6001	6-706-767-01	IC NJM2586AM				
IC6101	8-759-822-05	IC LA7213				
IC6102	8-759-822-05	IC LA7213				
IC6104	6-706-767-01	IC NJM2586AM				
IC6205	8-759-646-52	IC KIA7805API				
IC6206	8-759-373-92	IC TA79005SB				
IC6302	6-704-199-01	IC NJM2595M-TE2				
IC6501	8-759-238-47	IC TC74HCT7007AF (EL)				
IC6502	8-759-268-29	IC SN74HC595ANS				
IC6503	8-759-268-29	IC SN74HC595ANS				
IC6505	8-759-353-02	IC NJM2533M (TE2)				

VIDEO **VIDEO2**

Ref. No.	Part No.	Description				Remark
IC6506	8-759-474-37	IC NJM2279M-TE2				
		< JACK >				
J6001	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO ASSIGNABLE (INPUT ONRY) COMPO 2/3 IN/ MONITOR OUT)				
J6002	1-821-278-12	JACK 3P (COMPONENT VIDEO ASSIGNABLE (INPUT ONRY) COMPO 1 IN)				
J6004	1-794-978-11	JACK, PIN 3P (DVD/SAT VIDEO IN, MONITOR VIDEO OUT)				
J6005	1-794-978-11	JACK, PIN 3P (VIDEO 1 VIDEO IN/OUT, BD VIDEO IN)				
		< COIL >				
L6001	1-469-525-91	INDUCTOR	10uH			
L6002	1-469-525-91	INDUCTOR	10uH			
		< TRANSISTOR >				
Q6001	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q6101	8-729-038-28	TRANSISTOR	RT1N441C-TP-1			
Q6102	8-729-038-28	TRANSISTOR	RT1N441C-TP-1			
Q6103	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q6104	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
		< RESISTOR >				
R6001	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6002	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6003	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6004	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6005	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6006	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6007	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6008	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6009	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
⚠ R6010	1-249-393-91	CARBON	10	5%	1/4W	F
R6011	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R6012	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R6013	1-216-864-11	SHORT CHIP	0			
R6014	1-216-864-11	SHORT CHIP	0			
R6015	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6016	1-216-864-11	SHORT CHIP	0			
R6017	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6018	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6101	1-216-815-11	METAL CHIP	330	5%	1/10W	
R6102	1-216-815-11	METAL CHIP	330	5%	1/10W	
R6103	1-216-847-11	METAL CHIP	150K	5%	1/10W	
R6104	1-216-847-11	METAL CHIP	150K	5%	1/10W	
R6105	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R6106	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R6110	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R6111	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R6118	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6119	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6120	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6121	1-218-834-11	METAL CHIP	300	0.5%	1/10W	
R6122	1-218-834-11	METAL CHIP	300	0.5%	1/10W	
R6123	1-218-834-11	METAL CHIP	300	0.5%	1/10W	
R6124	1-216-815-11	METAL CHIP	330	5%	1/10W	
R6125	1-216-815-11	METAL CHIP	330	5%	1/10W	
R6236	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6239	1-216-864-11	SHORT CHIP	0			

Ref. No.	Part No.	Description				Remark
R6240	1-216-864-11	SHORT CHIP	0			
R6241	1-216-864-11	SHORT CHIP	0			
R6242	1-216-864-11	SHORT CHIP	0			
R6243	1-216-864-11	SHORT CHIP	0			
R6244	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6245	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6246	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6247	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6250	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6251	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6252	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6301	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6302	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6303	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6304	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6306	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6307	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6311	1-216-864-11	SHORT CHIP	0			
R6501	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R6502	1-216-813-11	METAL CHIP	220	5%	1/10W	
R6503	1-216-813-11	METAL CHIP	220	5%	1/10W	
R6505	1-216-809-11	METAL CHIP	100	5%	1/10W	
R6506	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6508	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R6510	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R6511	1-216-864-11	SHORT CHIP	0			
		< RELAY >				
RY6001	1-755-267-11	RELAY				
RY6002	1-755-267-11	RELAY				
RY6003	1-755-267-11	RELAY				
**********						
		VIDEO2 BOARD				
		**********				
		< CAPACITOR >				
C757	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C757	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C758	1-112-100-11	ELECT	10uF	20%	50V	(DA2400ES: AEP, ECE, UK)
C758	1-126-964-11	ELECT	10uF	20%	50V	(DA2400ES: US/DG920)
C762	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C810	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C811	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C812	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C813	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C815	1-164-733-11	CERAMIC CHIP	820PF	10%	50V	
C816	1-164-733-11	CERAMIC CHIP	820PF	10%	50V	
C817	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C818	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C819	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C820	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C822	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C823	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
		< CONNECTOR >				
CN721	1-784-925-11	PIN, CONNECTOR 10P				

Ref. No.	Part No.	Description	Remark
CN722	1-779-977-11	PIN, CONNECTOR 6P	
CN728	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P	
		< EARTH TERMINAL >	
* ET702	1-537-738-21	TERMINAL, EARTH	
* ET703	1-537-738-21	TERMINAL, EARTH	
		< IC >	
IC706	8-759-710-97	IC NJM4565M-D	
		< JACK >	
J702	1-815-313-11	JACK (PHONES)	
J703	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 2 IN/POTABLE AV IN VIDEO/AUDIO)	
		< RESISTOR >	
R763	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R764	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R765	1-211-990-11	METAL CHIP 75 0.5% 1/10W	
R768	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R769	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R776	1-216-864-11	SHORT CHIP 0	
R810	1-216-864-11	SHORT CHIP 0	
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		MISCELLANEOUS **********	
5	1-828-589-11	WIRE (FLAT TYPE) (13 CORE) (DA2400ES: US)	
8	1-828-953-11	WIRE (FLAT TYPE) (9 CORE) (DA2400ES: US/DG920)	
8	1-828-963-11	WIRE (FLAT TYPE) (11 CORE) (DA2400ES: AEP, ECE, UK)	
9	1-693-728-11	TUNER (FM/AM) (DA2400ES: US/DG920)	
9	1-693-737-11	TUNER (FM/AM) (DA2400ES: AEP, ECE, UK)	
154	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	
206	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	
⚠ 207	1-821-082-21	INLET, AC 2P (~AC INLET) (DA2400ES)	
⚠ 212	1-783-820-11	CORD, POWER (DG920)	
⚠ F001	1-532-504-33	FUSE (T4AL/250V) (DA2400ES: AEP, ECE, UK)	
⚠ F001	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (DA2400ES: US/DG920)	
⚠ F803	1-532-506-33	FUSE (T6.3AL/250V) (DA2400ES: US/DG920)	
⚠ F803	1-533-949-33	FUSE, CYLINDRICAL (TIME LAG) (T8AL/250V) (DA2400ES: AEP, ECE, UK)	
⚠ F804	1-532-506-33	FUSE (T6.3AL/250V) (DA2400ES: US/DG920)	
⚠ F804	1-533-949-33	FUSE, CYLINDRICAL (TIME LAG) (T8AL/250V) (DA2400ES: AEP, ECE, UK)	
⚠ F810	1-532-504-33	FUSE (T4AL/250V)	
⚠ F811	1-532-504-33	FUSE (T4AL/250V)	
⚠ F1405	1-532-506-33	FUSE (T6.3AL/250V)	
Q423	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q424	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q473	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q474	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q523	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q524	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q573	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q574	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q623	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q624	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q673	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q674	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q723	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q724	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
⚠ T901	1-445-370-11	POWER TRANSFORMER (DA2400ES: US/DG920)	
⚠ T901	1-445-372-11	POWER TRANSFORMER (DA2400ES: AEP, ECE, UK)	
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		ACCESSORIES **********	
	1-480-699-11	REMOTE COMMANDER (RM-AAU039) (SUB) (DA2400ES)	
	1-501-374-12	ANTENNA, LOOP (AM loop antenna (aerial))	
	1-501-807-12	ANTENNA (FM) (FM wire antenna (aerial)) (DA2400ES: AEP, ECE, UK)	
	1-542-670-11	MEASUREMENT MIC (MONO) (Optimizer microphone (ECM-AC2))	
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (DA2400ES: US/DG920)	
⚠	1-824-964-13	CORD, POWER (DA2400ES: US)	
⚠	1-831-474-11	CORD, POWER (DA2400ES: AEP, ECE)	
⚠	1-833-794-11	CORD, POWER (DA2400ES: UK)	
	3-289-200-12	INSTRUCTION MANUAL (ENGLISH) (DG920)	
	3-289-200-22	INSTRUCTION MANUAL (FRENCH) (DG920: CND)	
	3-289-200-32	INSTRUCTION MANUAL (SPANISH) (DG920: US)	
	3-289-204-12	INSTRUCTION MANUAL (ENGLISH) (DA2400ES: US)	
	3-289-204-32	INSTRUCTION MANUAL (SPANISH) (DA2400ES: US)	
	3-289-204-41	INSTRUCTION MANUAL (ENGLISH) (DA2400ES: AEP, ECE, UK)	
	3-289-204-51	INSTRUCTION MANUAL (FRENCH) (DA2400ES: AEP, ECE)	
	3-289-204-61	INSTRUCTION MANUAL (SPANISH, GERMAN) (DA2400ES: AEP, ECE)	
	3-289-204-71	INSTRUCTION MANUAL (DUTCH, SWEDISH) (DA2400ES: AEP, ECE)	
	3-289-204-81	INSTRUCTION MANUAL (ITALIAN, POLISH) (DA2400ES: AEP, ECE)	
	3-289-205-11	INSTRUCTION MANUAL (DANISH, FINNISH) (DA2400ES: AEP, ECE)	
	3-289-205-21	INSTRUCTION MANUAL (PORTUGUESE) (DA2400ES: AEP, ECE)	
	3-289-205-31	INSTRUCTION MANUAL (RUSSIAN) (DA2400ES: AEP, ECE)	
	3-289-205-41	INSTRUCTION MANUAL (GREEK) (DA2400ES: AEP, ECE)	
	3-289-205-51	INSTRUCTION MANUAL (TURKISH) (DA2400ES: AEP, ECE)	
	3-289-205-61	INSTRUCTION MANUAL (SLOVAKIAN) (DA2400ES: AEP, ECE)	
	3-289-205-71	INSTRUCTION MANUAL (HUNGARIAN, CZECH) (DA2400ES: AEP, ECE)	
	A-1512-405-A	RM-AAP023 (Remote commander) (DG920)	
	A-1512-409-A	RM-AAP024 (Remote commander (MAIN)) (DA2400ES: AEP, ECE, UK)	
	A-1512-413-A	RM-AAP025 (Remote commander (MAIN)) (DA2400ES: US)	

REVISION HISTORY

Checking the version allows you to jump to the revised page.
Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2008.05	New